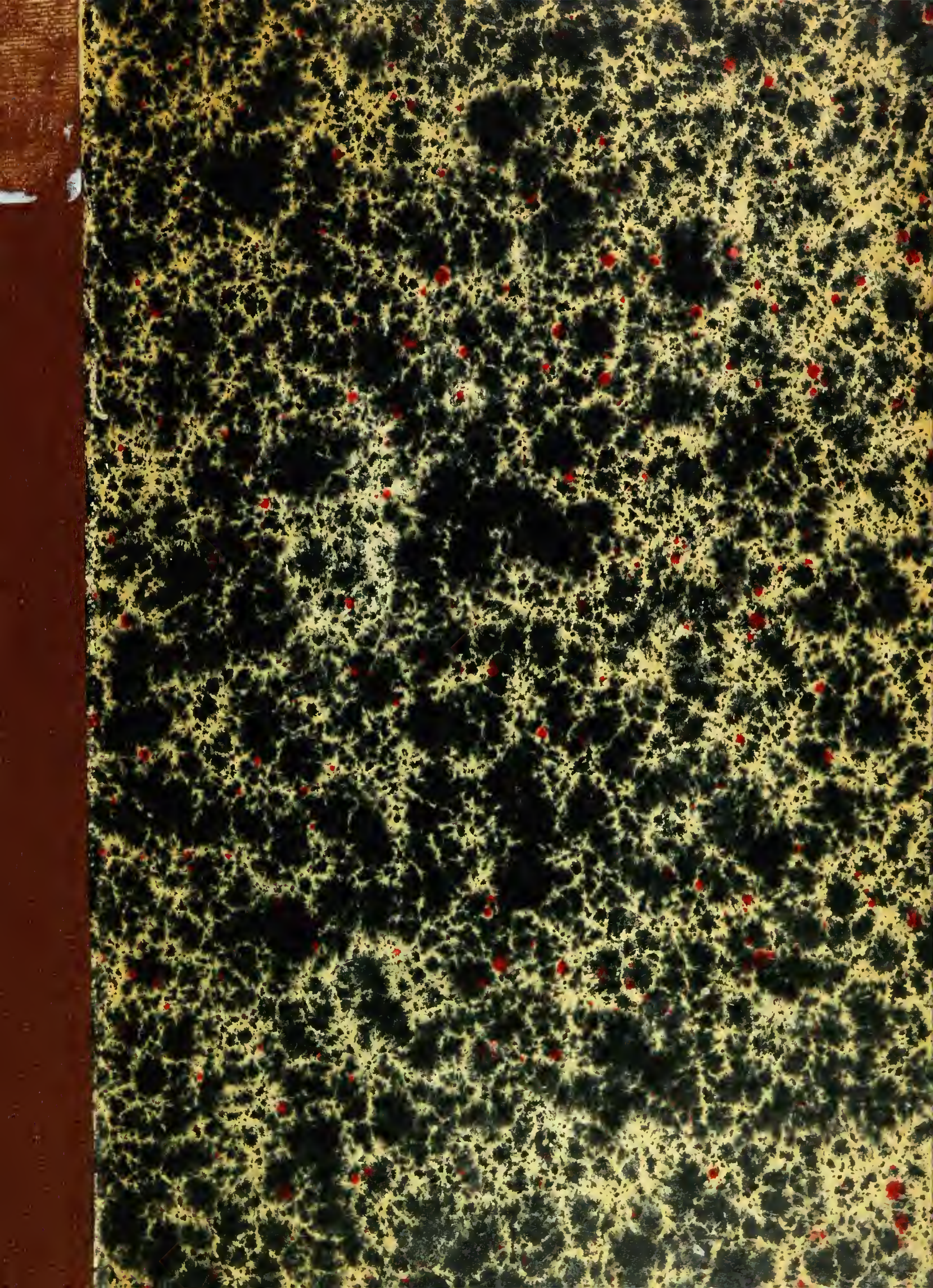

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CENSUS

OF THE

Agricultural Resources of New York

CENSUS OF 1917

TAKEN BY ORDER OF THE

NEW YORK STATE FOOD SUPPLY COMMISSION

C. S. WILSON, Chairman

J. J. DILLON	R. D. COOPER
S. J. LOWELL	M. C. BURRITT
F. W. SESSIONS	J. H. FINLEY
SETH J. T. BUSH	A. R. MANN

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ALBANY
J. B LYON COMPANY, PRINTERS
1919

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Albert R. Mann, Ithaca, New York

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  Bureau of Conservation
    Buffalo Thrift Kitchen

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INTRODUCTION

The State of New York was one of the first governments to see the need for census data. The census of 1855, page III, contains the following statement:

> " *The want of data for the administration of the affairs of her American colonies, led the English government, at an early period, to direct an enumeration of their inhabitants; and these censuses were repeated at irregular intervals until near the period of the revolution, affording more definite information within the limited field they embraced, than is possessed in relation to England itself during the same period. Upon the organization of an independent government in New York in 1777, a provision was inserted in the constitution, requiring a septennial census of electors, which before the revision of 1822 had been extended, to include the whole population; and this requirement, with a change of the interval, has been continued till the present time; affording, it is believed, the first instance in which a regular periodical census was established by government. The example of New York was followed in framing the constitution of the United States in 1787, but not until two censuses had been taken by our national government, was a similar measure adopted in Great Britain. It is gratifying to observe that the practice thus begun, has been followed by nearly every civilized country on the globe, and that at each succeeding period, a progressive improvement has been observed in the extent of their inquiries and in the arrangement of the results.*"

The State of New York began the enumeration of acres of crops in 1844. The Federal government did not begin to enumerate crop acreages until 1880. New York began to enumerate livestock in 1821. The Federal government made the first livestock census in 1840.

HOW THE CENSUS OF 1917 WAS TAKEN

The New York State Food Supply Commission was appointed by Governor Whitman on April 13. Its first step was to order a survey of the agricultural resources of the State and of the requirements for increased production. This census was ordered on April 17, the work being placed under the general direction of the commissioner in charge of county organization, M. C. Burritt, who was also State director of Farm Bureaus.

A state-wide conference of all county agricultural agents, the presidents of farm bureau associations in the forty-one organized counties, and delegates from the other agricultural counties of the State, was called at the State College of Agriculture, at Ithaca, on April 16. At this conference, details of the general plan for taking the census were worked out and the instructions given. On the 18th and 19th, county-wide conferences of farmers were held. In accordance with the proclamation of Governor Whitman, community meetings were held in 1,089 communities of the State on Saturday, April 21st, attended by 85,075 persons.

At all of these meetings the census was explained and co-operation solicited. By the 19th, 250,000 census blanks had been printed and shipped to all the counties. About forty additional helpers, mostly drafted from the senior class of the State College of Agriculture, had been assigned as assistants and all preliminary arrangements completed for taking the census.

The county farm bureau agents were appointed county enumerators and were made responsible for the results in their counties. In the fifteen counties not having farm bureaus, extension specialists of the State College of Agriculture were assigned as county enumerators, and temporary offices of the

Commission were opened. The following telegram of instruction was sent to the fifty-six county enumerators:

> "The Commissioner of Education has sent telegrams instructing superintendents of schools and teachers to report to you as official census taker in your county. Call superintendents together immediately. Assistant will be sent as soon as it can be arranged. You are hereby authorized to employ such additional clerical, stenographic, and other assistance as may be necessary to properly and rapidly tabulate. Superintendents' and teachers' expenses in connection with census to be paid by Commission thru Department of Education."

The district superintendents of schools were made responsible for the results in all of the schools in their respective districts, and each school teacher was made responsible for results in her school district. The Commissioner of Education, John H. Finley, also a member of this Commission, sent the following telegram of instructions to school superintendents:

> "State Food Supply Commission is to make survey of agricultural resources. District superintendents, teachers, and pupils to gather data. County enumerator will get in touch with you. It is expected that each one will do his part promptly. Expenses will be met by Commission."

The census was made possible by this co-operation of the State Department of Education. Mr. Layton S. Hawkins had immediate charge of the Department's part in the work and gave great assistance.

Realizing that the facts must be secured immediately if they were to be of benefit to farmers and in order to save expense, the Commission utilized, as far as possible, all of the existing educational organizations of the State which were equipped to do the work. Around the organizations already specified, it was simply necessary to gather additional help. This was done with the co-operation of the state schools of agriculture at Canton, Alfred, Morrisville, Cobleskill, Delhi, and Farmingdale and the Joseph Slocum College of Agriculture at Syracuse University, all of which rendered valuable assistance. High school principals and teachers of agriculture thruout the State furnished help and equipment. The State Bankers' Association banks, business firms, chambers of commerce, and individuals rendered material aid, and greatly facilitated the tabulations by lending their clerks and other expert employees, and adding machines.

By thus utilizing the established school and farm bureau systems and other organizations, the Commission was able to secure the facts immediately, and in just ten days after the copy of the census blank was delivered to the printer, a preliminary announcement of the results of the census was made. In addition to taking the census in record time, it has probably been secured at less expense to the State than any other ever taken. The regularly paid employees of the State were utilized, and considerable help was donated by public-spirited organizations, and it has been necessary to employ comparatively little help.

The actual work of taking the census was begun in most of the counties on Monday, April 23rd, the records being practically all obtained by Wednesday, the 25th. Tabulations were made in the counties on the 26th and 27th, and on the 28th complete tabulations from thirty-four counties had been sent to the central census office. The teachers and pupils in each district, assisted by other persons where necessary, obtained the original facts from farmers and made out the summaries for their school districts. The county enumerators, with their assistants, and district superintendents made the summaries for the counties. Dr. G. F. Warren, of the State College of Agriculture, had charge of the summarizing and tabulating of the records for the entire State, and prepared the statistical portions of this report.

Copies of the census schedule used in 1917 are given on pages 58 to 60. The school teachers made district summaries on a yellow sheet, the form of which is printed on pages 61 to 63. A similar sheet printed on pink paper was used for making the county report.

At a later date a report on the methods of work was called for from teachers, but the report form did not reach the schools until many had closed. Replies were received from 1,044 teachers in sixteen counties. The questions and average replies were as follows:

Who filled out the records?

How many of the records of farms did you fill out?	50.3 per cent
How many were filled out by children?	12.0 per cent
How many were filled out by farmers?	31.3 per cent
How many were filled out by other persons?	6.3 per cent

Tabulation of results

About what percentage of the tabulation of results was done by school children?	41.4 per cent

School time used?

How many hours of school time were devoted to census work?	8 hours
If the work had been planned long in advance and full directions sent, how many hours of school time would have been necessary?	6.6 hours
About how many hours did you yourself spend on the entire census work?	11 hours

Some teachers filled all the records, some had them all taken and tabulated by school children and did nothing but direct and correct the results. Some had all the records filled by farmers. Some used no school time.

HOW THE CENSUS OF 1918 WAS TAKEN

1918 Census

The census of 1917 proved to be so valuable that the county agents and members of the New York State Food Commission decided that a similar census should be taken in 1918. At a meeting of the Food Commission held in New York, early in December, 1917, the Commission set aside the sum of twenty-five thousand ($25,000) dollars for this purpose, and H. E. Babcock was appointed census director; as census director, he was assisted by J. W. Robson.

The census blank.— Immediately upon the funds being appropriated, Director Babcock conferred with G. F. Warren, of the department of farm management, New York State College of Agriculture, and formulated a preliminary census blank. Proofs of this blank were printed and submitted to the county agents, asking them to try out the blank on actual farms, and then criticise it. The criticisms received were carefully studied and changes made where it seemed advisable.

The tabulation sheet.— In taking the 1917 census, no tabulation sheet was furnished to the county agents and school teachers. In order to save time and promote accuracy, tabulation sheets were printed for 1918. There were two forms of these: a set of white sheets for the teacher to make the summary for the school district and yellow ones for the county summaries.

Circular of instructions.— It was felt by the State Educational Department that the rural schools could make good use of the census results in the study of local geography and arithmetic. With this in mind, material for a folder was prepared by a committee made up of representatives from New York State Department of Education, New York State Food Commission, the Central Office of Farm Bureaus, and Department of Rural Education of New York State College of Agriculture. This folder also included instructions to the teachers in regard to how and when to take the census.

Distribution of supplies.— The census blanks, tabulation sheets, circulars of instruction, and franked manila envelopes were sent direct from the printers to the county agents in quantities sufficient to supply each school district. Each district received two sets of summary sheets for each thirty-five farms and two copies of the circular of instructions. The Manila envelopes were for the purpose of sending the various forms from the county agent to the teacher and returning the blanks to him.

The county agents and special census directors who were appointed in counties where no county agent was located made up the allotment of blanks for each school district in accordance with the need as shown by the census of 1917. These were mailed to the teacher in a franked manila envelope, except in cases where the census director did not have franking privilege. In these counties the blanks went out under postage. The forms were in the hands of the teachers in nearly all cases by January 26th.

Publicity.— A large amount of newspaper and other publicity was given the census. Three articles were sent to the press from the Food Commission and personal visits were paid to the editors of several of the large agricultural publications. Besides this general publicity, the county agents gave the census special attention in the local papers. In a number of counties this was supplemented by meetings held in the farming communities and meetings of the teachers.

Enumeration.— The actual taking of the census was begun as soon as the teachers received their blanks. This was accomplished in various ways. In some districts the teacher visited each of the farms and obtained the information personally from the farmer, while in other cases, the blanks were sent to the farmers by the older pupils and returned by the same channels.

Tabulation of census.— As the teachers received the filled out blanks from the farmers, the tabulating was begun. The tabulation sheets were made out in duplicate by the teachers with the help of the pupils. In some cases public-spirited residents of the school district also helped. As soon as all of the blanks were in and tabulated, one set of tabulation sheets was sent by mail to the county census director; the other being retained for use of the school in studying the census results. These summaries were all mailed on or before February 5. Tabulation for the county was made by the county census director with the help of hired clerks, rural physical training teachers, high school agricultural students, or volunteers from business houses and banks. As soon as the tabulations were complete for the county, on or before February 9th, the summary was mailed to the State census director, who made the summary for the State, February 11 and 12. The State tabulations were made by C. P. Clark.

Publication of results.— As soon as the State summary was compiled it was mimeographed, and a copy returned to the census director of each county. This was then printed together with a county summary and a list of the livestock and seed for sale in the county, in a special census issue of the Farm Bureau News. This paper was sent by mail to every farmer in each county for whom a census blank was returned.

Cost of census.— The 1918 census cost a total of $17,533.40, which was distributed as follows:

Clerical help.— A total of $4,337.57, an average of $77.46 per county was expended for clerica help in making the county tabulation. In some places volunteer help was used to some extent but for the most part was not found to be very satisfactory. The most satisfactory help came from the business schools, high schools and offices.

Livery.— The week that the 1918 census was taken happened to be one of the worst of the winter. On this account, the school teachers had great difficulty in completing the enumeration of the farms within the specified time and could only do so by hiring conveyances. An average of $26.49 was paid out for liveries in the various counties of the State, the larger part of which was used in the northern and rougher counties.

Telephone and telegraph charges.— The expenditures of $385.95, covering telephone calls and telegrams is somewhat larger than was anticipated due to the congestion of the railroads. A large number of the shipments of census blanks from Albany to the counties, were delayed and had to be traced.

Miscellaneous.— Under the heading miscellaneous are grouped railroad fares, hotels and meals, express, postage, and stationery, and purchases.

In a few cases it was necessary for the farm bureau manager or his assistant to go by train to a congested junction to trace the supply of census blanks and in some counties extra help for tabulating the census had to be brought in from nearby towns.

Meetings were held in some of the counties in order to familiarize the teachers and farmers with the blank. In many cases of this kind it was necessary for the farm bureau manager or his assistant to stay over night in the town where the meeting was held, resulting in some hotel expenses.

The results of the census together with a sales list were printed in a special issue of the Farm Bureau News, and a copy mailed to each man who filled out a census blank. Postage was paid on the copies that were sent to non-members of the farm bureau association. In some counties where the bureaus are in their infancy and the membership small, this amounted to a considerable item.

A small expense was incurred in the purchase of necessary supplies such as pencils, pens, string, paste, etc.

The total miscellaneous expense was $2,328.06 or $41.57 per county.

Publication of results.— The food commission paid the Farm Bureau News in each county the cost of printing the census data. This worked out very satisfactorily at a cost of $4,415.09 or $78.84 per county.

Printing of blanks.— The census blanks, tabulation blanks, circulation of instructions, envelopes and circular to farm bureau committeemen were printed in Albany at cost of $4,282.92 divided as follows:

265,000 census blanks	$1,434 40
30,000 circular of instructions	120 00
25,000 manila envelopes	212 50
30,000 sets tabulation sheets	2,500 00
5,700 circular letters	16 02
	$4,282 92

Cost per farm.— The census covered 185,071 farms at a total cost of $17,173.80, or an average of .094 cents per farm.

COMPLETENESS OF ENUMERATION IN 1917

The census was taken in fifty-seven counties. No census was taken in Kings, New York, Queens and Richmond counties.

A questionnaire was sent to the school teachers containing questions on the method of taking the census and on the completeness of enumeration. Many of the schools closed early so that only a limited number of teachers received the blank. A total of 1,044 school districts in sixteen counties replied. These teachers reported that 626 farms were omitted. The acreage was obtained for 566 of the farms, and was 43,373 acres. If the same proportion held for all the school districts of the State the total area omitted was 420,851 acres, or 2 per cent of the total area.

The question on area of the farm was not asked correctly so that not all persons answered it correctly. Some gave the tilled area only. This was checked up for eight counties for farms having a total area of 1,281,685 acres. On these farms the use of land was reported for 1,052,104 acres or for 82.1 per cent of the total area. This probably gives a fair average for the State. The total area of land for which use was reported, was 16,867,259 acres. If the farms that were checked up were typical, then the total area was 20,544,773 acres. The census of 1910 gave the total area as 22,030,367 acres. The difference between the State and the Federal census is, therefore, 7 per cent.

The Federal census includes the land owned by many wood choppers in the mountainous sections. These were not so fully enumerated in the State census. The Federal census also includes many small home tracts that are not commonly considered to be farms, hence were omitted in the State census. Another indication of this same condition is the fact that the census of 1910 enumerated only about 197,000 farm operators, whereas 215,597 so-called farms were enumerated. The census definition of a farm is not the common definition. In eight counties (Delaware, Jefferson, Livingston, Orange, Orleans, Putnam, Tioga and Tompkins) 9 per cent of the total number of farms reported in 1917 were farms of under twenty acres. Of the farms reported in these counties by the Federal census, 14 per cent were under twenty acres.

The area in crops, not including pasture or woods as given by the census of 1909, was 8,867,167 acres. The census of 1916 gave the area of crops as 8,196,338, and the expected acreage for 1917 as 8,858,020.

The number of farms in 1910, was 215,597, in 1917 the number was reported as 200,903. The question as to number of farms was worded, " number of farms in the school district." It is, therefore, possible that some of the farms were counted for which reports were not included.

The total omissions appear to be as much as 2 per cent. It does not seem probable that they amount to more than 7 per cent. Probably 5 per cent should be added to all figures as reported to cover omissions and counties that were not included.

COMPLETENESS OF ENUMERATION IN 1918

The census was taken at a time when many of the schools were closed. The enumeration was less complete than in 1916. The number of farms for which reports were received was 185,051. The teachers reported that 4,822 farms were omitted. In addition some school districts were omitted. The omitted farms are, in general, smaller than the average as was shown by the acreage of omitted farms in 1917. There are in the State 10,130 school districts. The exact number of districts which include farms is not known; 10,006 school districts reported in 1918.

The total area reported was 19,091,858 acres. The area of crops in 1917 was 8,192,560 and the expected acreage for 1918 was 7,647,869.

To cover all omissions and the counties that were not enumerated it is possible that 10 to 13 per cent should be added to the State totals for the 1918 census.

FARM POPULATION

TABLE 1.—FARM POPULATION, APRIL 21, 1917

Farmer and his family:		
Males under 14 years old	102,608	
Females under 14 years old	96,448	
Males 14 years old or older	265,061	
Females 14 years old or older	244,826	
Total		708,943
Hired help and their families:		
Males under 14 years old	16,562	
Females under 14 years old	14,547	
Males 14 years old or older	63,958	
Females 14 years old or older	26,507	
Total		121,574
Total farm population		830,517

Some hired men were included with the farmer's family. A detailed analysis of records for eight counties, including about one-seventh of all hired men in the State, indicated that for the entire State about 6,200 hired men were listed with the farmer's family.

The total number of males over fourteen years old in the families of hired men is less than the number of hired men on the farms. The number of hired men was an easy question to answer and was probably accurately answered. Some farmers did not answer the questions about the hired man's age and family. A study of this was made in eight counties. It was found that the age and other details about the hired men were omitted for 18 per cent of the hired men. The report on farm population, therefore, appears to be short by a little over 22,000.

In eight counties including 25,008 farms, a detailed analyses was made of the age and sex of owners, tenants and hired men (see Tables 22, 23 and 24). These results are summarized in Table 2.

Table 2.— Percentage of Owners, Tenants and Hired Men of Each Age, April 21, 1917, Eight Counties from Tables 22, 23 and 24

AGE	Operators who own all or part of the land that they operate	Tenants	Hired men
	Per cent	*Per cent*	*Per cent*
11–15	....	....	2.7
16–20	0.2	0.8	14.7
21–25	1.8	7.6	19.8
26–30	4.5	13.6	14.6
31–35	7.2	15.0	10.0
36–40	10.6	13.5	9.3
41–45	12.3	11.6	6.5
46–50	14.1	11.0	6.8
51–55	12.5	8.8	4.9
56–60	12.5	7.3	4.7
61–65	9.8	4.8	3.1
66–70	7.2	3.2	1.9
71–75	4.1	1.6	0.8
Over 75	3.1	1.2	0.2

There are more hired men of ages 21–25 than for any other age group, more tenants for ages 31–35 than for any other age group and more owners 46–50 than of any other age group. Over half of the hired men are under 31 years of age. Over half the tenants are under 41, and over half the owners are under 51 years of age.

The 18,346 farm operators, in eight counties who owned all or part of the land that they operated were distributed as follows:

Married men	85.5 per cent
Unmarried men	9.2 per cent
Married women	4.5 per cent
Unmarried women	.9 per cent

The 6,662 tenants in these counties were distributed as follows:

Married men	89.6 per cent
Unmarried men	9.2 per cent
Married women	1.0 per cent
Unmarried women	.2 per cent

Of 12,321 hired men, 31.6 per cent were married.

FARM LABOR

The number of persons devoting full time to farm work were as follows:

Farm workers, February 1, 1917	273,322
Farm workers, February 1, 1918	261,339
Decrease	4.4 per cent

Of these farm workers, 21.1 per cent were hired men in 1917 and in 1918 the hired men were 18.1 per cent of the total farm workers. The percentage of hired men is doubtless higher in the summer.

The number of hired men on farms were as follows:

Hired men, April 21, 1916	104,332
Hired men April 21, 1917	88,310
Decrease	15 per cent
Hired men, February 1, 1917	57,639
Hired men, February 1, 1918	47,433
Decrease	18 per cent

On April 21, 1917, a total of 46,367 sons of farmers had left the farms for work other than farm labor, and 45,165 daughters of farmers had left the farm to live in cities or villages.

On February 1, 1918, the number of persons who were regularly doing farm work in the preceding year that would not be available in 1918 were given as follows:

Number enlisted	4,192
Number drafted	12,461
Number who had left farming for other kinds of work	21,430

A total of 13,894 persons were doing regular farm work who had been working in some other industry in the preceding year. There is a constant movement to and from farms, but the relative rates of movement vary decidedly from time to time. The total movement from farms to other industries was greater than the number who went for military service, but the net movement from farms to other industries was 7,536 or about half as many as left the farms for military service.

On April 21, 1916, there was a little more than one hired man for each two farms. A year later there were about two hired men for five farms. The number of hired men in winter is less. On February 1, 1918, there was a little more than one hired man for four farms.

A study of the number of farms with each number of hired men was made for eight counties in 1917, Tables 3 and 25. Two-thirds of the farms had no hired labor. One-fourth of the farms had one hired man.

TABLE 3.— PERCENTAGE OF FARMS HAVING EACH NUMBER OF HIRED MEN APRIL 21, 1917, EIGHT COUNTIES, FROM TABLE 25

NUMBER OF HIRED MEN	Number of farms	Per cent of farms
0	16,607	66.7
1	6,368	25.6
2	1,302	5.2
3	334	1.3
4	125	.5
5	51	.2
6	28	.1
7	18	.1
8	17	.1
9–12	24	.1
13–24	17	.1
Over 24	9	.04
Total	24,900	100.00

Complaints were made from some counties, particularly those near New York, to the effect that farm labor was taken from farms to work on country estates. A study of the crops grown and the animals kept in relation to hired men was made for all farms in eight counties having four or more hired men.

On the average, it takes about a day to grow, harvest, and store an acre of hay. More or less than this amount of time may be spent but for an approximate measurement the quantity of work is called a work unit. Similarly the usual time required for each crop and kind of animal is known. On every farm there is much incidental work to do. As an average for the State and considering the number of workers per farm as one and one-half, the number of units of direct productive work was 167 per man. On farms employing three persons it is often possible to economize labor so as to be able to do as many as 275 units of work per man, besides doing all the miscellaneous incidental work not directly on crop or animal production.

The larger farms are often the ones on which pure-bred stock are kept and the work units for such stock are much higher than on average stock. Since the quality of stock and crops are not known all are calculated as for average stock. If pure-bred animals are kept or if large yields are obtained more time is required. This measure of efficiency when the kind of crops and animals are not known is only approximate, but in many cases the contrasts are so striking as to leave no room for doubt. Some of the results are given below.

NUMBER OF HIRED MEN AND WORK UNITS PER MAN, EIGHT COUNTIES *

NUMBER OF HIRED MEN	WORK UNITS PER MAN			
	LESS THAN 100	101–200	201–300	Over 300
	Number of farms	Number of farms	Number of farms	Number of farms
4	30	44	33	18
5	13	15	16	5
6	6	12	7	3
7	7	5	6	....
8	9	4	3	1
9–12	13	5	4	2
13–24	11	4	2	....
Over 24	5	4	....	....

* The farm operator or manager usually is not included with hired men so that the number of workers is assumed to be one more than the number of hired men.

Probably nearly all of the farms having less than 100 work units per man are using labor inefficiently so far as food production is concerned. Probably most of the farms having 101–200 work units per man are not using labor very efficiently, but some of them may be high class efficient stock farms. The farms with 201–300 work units are probably highly efficient farms, some of them are doubtless high class stock farms, that are doing even more than the figures indicate. It is almost certain that the farms with over 300 work units per man are using labor with unusual efficiency. There are a few extreme cases, such as 12 men on a farm where the number of stock and acres of crops would indicate 123 work units or work for one man, and 14 men on an Orange county farm with crops and animals indicating 343 work units.

TABLE 4.— PERSONS ENGAGED IN AGRICULTURE IN NEW YORK [1]

		Male	Female	Total
June 1, 1820.	Persons engaged in agriculture	....	....	247,648
June 1, 1840.	Persons engaged in agriculture	....	....	455,954
June 1, 1850.	Farmers	311,591	....	....
June 1, 1855.	Farmers	321,930	....	....
June 1, 1860.	Farmers and farm laborers	370,514	....	....
June 1, 1865.	Farmers	311,070	....	....
June 1, 1870.	Persons engaged in agriculture	373,455	868	374,323
June 1, 1875.	Persons engaged in agriculture	349,015	2,613	351,628
June 1, 1880.	Persons engaged in agriculture	375,213	2,247	377,460
June 1, 1890.	Persons engaged in agriculture	386,114	8,590	394,704
June 1, 1900.	Persons engaged in agriculture	361,280	12,370	373,650
April 15, 1910.	Persons engaged in agriculture	359,372	13,038	372,410
April 21, 1917.	Males 14 years old or older living or working on farms	329,019	....	....
Feb. 1, 1918.	Persons devoting full time to farm work	....	....	261,339

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[1] The census of 1890, 1900 and 1910 included fishermen, oystermen, lumbermen, raftsmen, miners, quarrymen, woodchoppers, foresters, landscape gardeners, owners of log and timber camps in agriculture. These are omitted in the table given above.

TELEPHONES AND RURAL MAIL DELIVERY

In eight counties 48 per cent of the farmers had telephones and 61 per cent had rural mail delivery on April 21, 1917, as shown in Table 5.

TABLE 5.— NUMBER OF FARMS HAVING TELEPHONES, RURAL MAIL DELIVERY, APRIL 21, 1917

	TELEPHONES			RURAL MAIL DELIVERY		
	Number of farms having telephones	Number without telephones	Per cent with telephones	Number having rural mail delivery	Number without rural mail delivery	Per cent having rural mail delivery
Delaware	2,223	2,547	46.6	1,645	3,125	34.5
Jefferson	2,289	3,218	41.6	4,220	1,287	76.6
Livingston	2,030	1,002	67.0	2,196	836	72.4
Orange	927	2,105	30.6	990	2,042	32.7
Orleans	1,693	836	66.9	2,153	376	85.1
Putnam	290	413	41.3	381	322	54.2
Tioga	1,148	1,396	45.1	1,293	1,251	50.8
Tompkins	1,432	1,317	52.1	2,300	449	83.7
Total	12,032	12,834	48.4	15,178	9,688	61.0

TRACTORS, MILKING MACHINES, MANURE SPREADERS

Not including worn out or useless machines, on February 1, 1918, the number of farms having tractors was 2,982, or 1.6 per cent of the farms. The number having milking machines was 4,966, or 2.7 per cent of the farms. The number having manure spreaders was 27,955, or 15.1 per cent of the farms.

LIME AND FERTILIZER

Fertilizer used in 1916	296,340 tons
Fertilizer used in 1917	349,395 tons
Lime used in 1916	165,388 tons
Lime used in 1917	154,094 tons

LAND IN NEW YORK

About 71 per cent of the land in the State is in farms. The remaining land is mostly in mountains and forests. The cities, towns, villages, railroads, etc., also amount to considerable.

Of the area in farms 22 per cent is in woods. Over half of this area is pastured.

Including the woodland pasture, 36 per cent of the farm land is in pasture.

Of the cleared land in farms 57 per cent is in hay and pasture.

The uses made of tillable land are shown in Table 7. About 59 per cent of the farm area is in tillable land. Of the tillable land, 72 per cent was in harvested crops in 1917. The remainder was in pasture, or idle, or was land on which crops failed. Half of the harvested crop area in 1917 was hay.

TABLE 6.— APPROXIMATE USES OF LAND IN NEW YORK IN 1917

CROPS AND FRUITS	Acres harvested in 1917	Per cent of land in farms
1. Corn to be husked for grain	327,509	1.7
2 Corn for the silo	321,926	1.7
3 Corn or sorghum grown for green feed or for fodder only	112,511	.6
4 Oats	1,083,646	5.7
5 Barley	102,297	.5
6 Buckwheat	269,138	1.4
7 Winter wheat	351,594	1.8
8 Spring wheat	26,821	.1
9 Rye	111,458	.6
10 Field beans	218,742	1.1
11 Alfalfa	146,221	.8
12 Other hay	3,970,379	20.8
13 Cabbage	47,344	.2
14 Potatoes	348,269	1.8
15 Hops	4,316	....
16 Tobacco	2,095	....
17 Nursery stock and flowers	6,258	....
18 Root crops raised for stock food	18,032	.1
19 Canning factory crops	43,608	.2
20 Other vegetables and garden	84,624	.4
21 Apples (include all acreage whether bearing or not)	385,737	2.0
22 Peaches (include all acreage whether bearing or not)	53,470	.3
23 Pears (include all acreage whether bearing or not)	41,031	.2
24 Plums (include all acreage whether bearing or not)	10,249	....
25 Cherries (include all acreage whether bearing or not)	12,989	.1
26 Quinces (include all acreage whether bearing or not)	3,277	....
27 Vineyards (include all acreage whether bearing or not)	56,126	.3
28 Small fruits (include all acreage whether bearing or not)	32,893	.2
Total acres in crops and fruits	8,192,560	42.9
29 Woods not pastured	2,000,249	10.5
30 Woods pastured	2,138,130	11.2
31 Tillable pastures	2,283,893	12.0
32 Other pastures not included above	2,398,295	12.6
33 Number of acres of tillable land which in 1917 were lying idle or fallow	509,761	2.7
34 Number of acres of land on which crops were sown or planted in 1917, but were not harvested on account of crop failure	220,648	1.2
35 Number of acres of land on which crops were raised in 1917, but were not harvested	113,839	.6
36 Acres of waste land and land covered by buildings, barn and house lots, roads and lanes	709,637	3.7
37 Use not reported	524,846	2.7
Total land reported in farms	19,091,858	100.1
38 Estimate omissions of farms approximately	2,500,000	....
39 Idle farms 2,305	176,679	....
40 Land not included above obtained by subtraction from total land area	8,730,023	....
41 Approximate land area of State as given by U. S. census	30,498,560	....

TABLE 7.— USE MADE OF TILLABLE LAND IN 1917 *

	Acres	Per cent of farm area	Per cent of area of tillable land	Per cent of area of harvested crops †
Fruits	595,772	3.1	5.3	7.3
Intensive crops mostly intertilled — cabbage, potatoes, vegetables, tobacco, hops, root crops	554,546	2.9	4.9	6.8
Tilled crops — corn, beans, sorghum	980,688	5.1	8.7	12.0
Small grain crops — oats, barley, buckwheat, wheat, rye	1,944,954	10.2	17.2	23.7
Hay	4,116,600	21.6	36.4	50.2
Tillable pasture	2,283,893	12.0	20.2	....
Tillable land lying idle or fallow	509,761	2.7	4.5	....
Land on which crops were sown or planted in 1917, but were not harvested on account of crop failure	220,648	1.2	1.9	....
Land on which crops were raised in 1917 but were not harvested	113,839	.6	1.0	....
Total	11,320,701	59.4	100.1	....

* In making this calculation the total area given in this table is considered to be tillable.

† Some of the area in fruit crops was not harvested but is all included in making the calculation for harvested crops.

ACRES OF CROPS

The changes in acres of crops since 1844, are shown in Table 8. Nearly as many acres of corn are now grown as were ever grown in this State, but the area grown for husking is less than half of the former area.

TABLE 8.— CROPS IN NEW YORK *

YEAR HARVESTED	1844	1854	1864	1865	1874	1875	1879	1889	1899	1909	1916	1917
Corn	595,134	917,601	632,213	721,600	627,749	673,284	779,272	493,320	658,652	512,442	341,931	327,509
Corn for silo	....	....	....	....	....	....	....	....	†189,601	†259,118	365,990	321,926
Corn or sorghum grown for feed or for fodder only	....	....	‡14,579	‡12,430	‡58,712	‡49,929	....	....	....	....	....	112,611
Oats	1,026,915	1,349,384	1,109,910	1,163,545	1,327,975	1,438,166	1,261,171	1,417,371	1,329,753	1,302,508	1,120,565	1,083,646
Barley	192,503	212,608	189,030	243,125	211,560	282,393	356,629	349,311	111,658	79,956	95,189	102,297
Buckwheat	255,495	293,233	240,302	184,717	263,781	201,894	291,228	280,029	289,862	286,276	263,667	269,138
Winter wheat	1,013,665	601,142	399,919	406,577	558,069	564,221	736,611	462,561	557,736	285,823	351,225	351,594
Spring wheat		194,346	113,115	104,992	96;027	69,836				3,266	12,536	26,821
Rye	317,099	281,715	234,670	233,214	257,736	229,070	244,923	236,874	177,416	130,540	118,176	111,458
Flax	46,089	11,764	23,874	18,242	....	....	....	2,922	159	58	....	....
Field beans	16,231	16,918	61,821	24,208	81,321	78,641	....	....	129,298	115,698	198,309	218,742
Alfalfa	....	3,384,441	4,237,085	4,296,721	4,796,739	4,783,857	4,644,452	5,243,010	5,582	35,343	163,150	146,221
Other hay									4,959,782	4,748,249	4,140,489	3,970,379
Cabbage	....	....	....	....	....	....	....	....	25,261	35,269	41,668	47,344
Potatoes	255,762	220,576	235,058	254,403	358,433	405,800	340,536	357,464	395,640	394,819	309,213	348,269
Hops	....	9,482	24,339	25,870	28,278	37,004	39,072	36,670	27,532	12,023	....	4,316
Tobacco	....	786	12,981	4,614	2,593	2,516	4,937	8,629	11,307	4,109	....	2,095
Nursery stock and flowers	....	....	....	....	....	....	....	....	9,734	11,659	....	6,258
Root crops raised for stock food	§15,322	§7,578	§8,124	§5,632	....	....	....	....	....	663	....	18,032
Peas	117,379	48,155	46,401	40,725	22,384	23,645	....	....	14,748	4,007	....	....
Canning factory crops	....	....	....	....	....	....	....	....	119,130	140,246	44,661	43,608
Other vegetables and garden	....	¶12,591	¶10,837	¶10,110	....	....	....	....			64,858	84,624
Miscellaneous crops	....	4	102	58	....	....	....	1,188	3,384	3,763	30,678	....
Apples	....	....	....	....	....	406,192	....	....	....	351,918	342,243	385,737
Peaches	....	....	....	....	....	....	....	....	....	29,213	50,050	53,470
Pears	....	....	....	....	....	....	....	....	....	22,777	37,187	41,031
Plums	....	....	....	....	....	....	....	....	....	7,796	8,733	10,249
Cherries	....	....	....	....	....	....	....	....	....	6,356	12,959	12,989
Quinces	....	....	....	....	....	....	....	....	....	1,936	....	3,277
Vineyards	....	....	....	....	....	....	....	....	....	59,340	54,020	56,126
Small fruit	....	....	....	....	....	....	....	....	25,051	22,496	28,841	32,893
Total except hay and fruit	3,851,594	4,177,883	3,357,275	3,454,062	3,894,618	4,056,399	4,054,379	3,646,339	4,050,871	3,581,743	3,358,666	3,480,188
Total except fruit	....	7,562,324	7,594,360	7,750,783	8,691,357	8,840,256	8,698,831	8,889,349	9,016,235	8,365,335	7,662,305	7,596,788
Total	....	....	....	....	....	....	....	....	....	8,867,167	8,196,338	8,192,560

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* Statistics for 1879, 1889, 1899, 1909, are from the U. S. census. All other figures are from the State census.

From 1844 to 1875, inclusive, for all crops except hay, the figures are acreage sown or planted. After 1875, for all crops except fruit the figures are acres harvested. For 1874 and all later years, the hay figures are acres harvested.

In 1875 the number of apple trees of all ages was reported. This number was divided by forty-five to get the approximate number of acres. The trees were then planted closer than is now the case.

In 1910 the census gave numbers of trees, but not acres. To get acres, apples are divided by 40, peaches, pears, plums, and cherries by 160, and grapes by 600. In the case of apples the figure used is an average found by orchard surveys in four counties. Since the census enumerated trees, it is probable that many were listed that were not reported by acres. The increase in the eight years 1910–1917 was therefore more than the figures indicate.

† " Coarse forage " mostly corn for the silo.

‡ Corn for fodder.

§ Turnips.

¶ Market gardens.

The largest acreage of oats ever reported was in 1875 when 1,438,166 were planted. The present acreage is about four-fifths as much. Compared with most crops the acreage of oats has been fairly steady as has been the acreage of buckwheat. At one time over three times as much barley was grown as is now raised.

The area of wheat planted for the crop of 1844 was 1,013,665 acres. This decreased to 289,130 acres in 1909. During the war the area has increased. The acreage of rye was once nearly three times as much as the present area. The acreages of potatoes and hay have decreased to a limited extent. Flax was once an important crop but has practically disappeared. Hops, tobacco, peas, are much less grown than formerly. Striking increases are shown in the areas of beans, alfalfa, cabbage, and fruits.

In eight counties the number of farms giving each acreage of potatoes and apples was tabulated. These are given in Table 9. Fifty-seven per cent of the area of potatoes were grown by 16 per cent of the farmers. Fifty-three per cent of the apples were grown by 7 per cent of the farmers.

Table 9.— Number of Farms Having Each Acreage of Potatoes and Apples, Eight Counties, Census of 1917, See Tables 26 and 27

ACRES	Potatoes				Apples			
	Number of farms	Per cent of farms	Acres	Per cent of acres	Number of farms	Per cent of farms	Acres	Per cent of acres
0	4,605	18.5	....	....	10,925	43.9	....	....
Less than 1	5,182	20.8	....	....	2,307	9.3	....	....
1	7,201	29.0	7,201	20.2	3,987	16.0	3,987	9.1
2	4,027	16.2	8,054	22.6	2,985	12.0	5,970	13.7
3	1,457	5.9	4,371	12.2	1,317	5.3	3,951	9.0
4	862	3.5	3,448	9.7	883	3.6	3,532	8.1
5	510	2.1	2,550	7.1	590	2.4	2,950	6.8
6–10	801	3.2	6,072	17.0	1,133	4.6	8,728	20.0
11–20	195	.8	2,908	8.1	557	2.2	8,269	18.9
Over 20	26	.1	1,094	3.1	182	.7	6,287	14.4
Total	24,866	100.00	35,698	100.00	24,866	100.00	43,674	100.00

YIELDS OF CROPS

The least accurate data in the census is the yield of crops. In some cases crops were not threshed. In others yields were omitted where it is probable that there was some production. The yields for 1917 are given in Table 21. Crop yields in New York have increased in the past twenty years, as is shown by Bulletin 341, of the Agricultural Experiment Station, at Cornell University.

HORSES AND MULES

The number of horses in New York reached its highest point in 1890. Since then the number has decreased. Mules have increased but the total number of horses and mules has decreased. In 1850 there were in the State 178,909 working oxen. Only a few such oxen are now left. In 1917, the total number of steers and beef cattle of all kinds, sexes, and ages were 39,302, so that the number of oxen must be very small. The total number of work stock is now less than it has been at any time since 1835.

TABLE 10.— HORSES AND MULES ON FARMS IN NEW YORK

	Horses	Mules *	Total
June 1, 1821, age not specified	262,623	....	....
July 1, 1825, age not specified	349,628	....	....
July 1, 1835, age not specified	524,895	....	....
June 1, 1840, age not specified	....	....	474,543
July 1, 1845, age not specified	505,155	....	....
June 1, 1850, age not specified	447,014	963	447,977
June 1, 1855, age not specified	579,715	2,254	581,969
June 1, 1860, age not specified	503,725	1,553	505,278
June 1, 1865, all ages	584,930	5,169	590,099
June 1, 1870, age not specified	536,861	4,407	541,268
June 1, 1875, all ages	594,052	6,197	600,249
June 1, 1880, all ages	610,358	5,072	615,430
June 1, 1890, age not specified	664,430	4,386	668,816
June 1, 1900, all ages	628,438	3,313	631,751
April 15, 1910, all ages	591,008	4,052	595,060
January 1, 1916, all ages	540,094	....	....
April 21, 1917, all ages	525,167	7,549	532,716
February 1, 1918, all ages	478,788	7,405	486,193

* Asses were included with mules in 1850, 1860, 1870 and 1880.

On February 1, 1918 the classes of horses and mules were as follows:

Mares two years old or older	210,682
Geldings two years old or older	235,751
Mules two years old or older	6,423
Stallions	4,694
Colts under two years	27,661
Mule colts under two years old	982

The fact that the number of geldings on farms is greater than the number of mares shows that New York is a horse consuming rather than a horse producing State. The number of colts raised has greatly decreased as is shown by the following comparisons of " one year's crop " of colts and mule colts combined.

June 1, 1865, colts of 1864	37,311
June 1, 1875, colts of 1874	36,231
Foaled in 1889	49,194
June 1, 1900, colts one and under two years old	30,215
June 1, 1900, colts under one year old	20,219
April 15, 1910, colts born in 1909	25,274
January 1, 1916 (one-third of number three years and under)	20,512
April 21, 1917 (one-third of colts under three years old)	14,283
February 1, 1918 (one-half of colts under two years old)	14,322

CATTLE

The cattle on New York farms increased until about 1900, but since that time have decreased as is shown by Table 11. The same is true of dairy cows as is shown by Table 12. The number of calves being raised in 1918 was low as is shown by the comparisons given below. The number in 1918 was less than one heifer for six dairy cows.

Number of heifers under one year old to be raised for dairy cows, April 21, 1916 306,594

Number of heifers under one year old to be raised for dairy cows, April 21, 1917	227,357
Decrease	26 per cent
Number of heifers under one year old to be raised for dairy cows, February 1, 1917	270,605
Number of heifers under one year old to be raised for dairy cows, February 1, 1918	207,897
Decrease	23 per cent

Of the cows and heifers two years old and older, on farms on February 1, 1918, registered purebreds made up 6 per cent.

Table 11.— Cattle on Farms in New York

June 1, 1821, age not specified	1,215,049
July 1, 1825, age not specified	1,513,421
July 1, 1835, age not specified	1,885,771
June 1, 1840, age not specified	1,911,244
July 1, 1845, all ages	2,072,330
June 1, 1850, one year old or older	1,877,639
June 1, 1855, all ages	2,105,465
June 1, 1860, age not specified	1,973,174
June 1, 1865, all ages	1,824,221
June 1, 1870, calves omitted	2,045,324
June 1, 1875, all ages	2,250,170
June 1, 1880, age not specified	2,339,721
June 1, 1890, age not specified	2,131,392
June 1, 1900, all ages	2,596,389
April 15, 1910, all ages	2,423,003
January 1, 1916, all ages	2,040,287
April 21, 1917, all ages	2,209,094
February 1, 1918, all ages	2,048,115

The classification of cattle on farms in New York on February 1, 1918, was as follows:

Dairy cows and heifers, two years old and older	1,375,793
Heifers, one year old and under two years to be raised for dairy cows	269,610
Heifers under one year old to be raised for dairy cows	207,897
Bulls	74,600
Calves to be vealed	69,347
Steers and beef cattle of all kinds and ages	50,868
Total cattle	2,048,115

Table 12.— Dairy Cows on Farms in New York

July 1, 1845, number of cows milked	999,490
June 1, 1850, milch cows	931,324
June 1, 1855, cows	1,068,427
June 1, 1860, milch cows	1,123,634
June 1, 1864, milch cows	1,195,481
June 1, 1865, milch cows	1,147,251
June 1, 1870, milch cows	1,350,661
1874, milch cows, average number kept	1,301,879
1875, milch cows, average number kept	1,339,816
June 1, 1880, milch cows	1,437,855
June 1, 1890, milch cows	1,440,230
June 1, 1900, cows kept for milk two years old or older	1,501,608
April 15, 1910, see footnote *	1,343,000
January 1, 1916, dairy cows, two years and over	1,270,836
April 21, 1916, dairy cows, two years old or older	1,325,490
February 1, 1917, dairy cows and heifers, two years old or older	1,389,892
April 21, 1917, dairy cows, two years old or older	1,385,005
February 1, 1918, dairy cows and heifers, two years old or older	1,375,793

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* The number of dairy cows 2 years old is not given in the census of 1910. But the number of cows and heifers 15½ months old or older is given, and the number of heifers 3½ to 15½ months old. From these facts the number of cows 2 years old or older was estimated at the figure given here.

In nine counties the number of herds of each size on farms where silage corn was to be grown in 1917, were calculated. The results are given in Tables 13 and 28. In these counties the average size of herd was ten cows, but over half of the cows were in herds of twenty or more. The small herds are usually not fed silage. About one-third of the farmers grow silage, but these farmers keep nearly two-thirds of the cows of the State. In herds of nine cows or more the majority of the farmers have silos. The percentage having silos increases with the size of the herd.

TABLE 13.— NUMBER OF COWS PER FARM AND USE OF SILAGE, NINE COUNTIES, APRIL 21, 1917, FROM TABLE 28

NUMBER OF COWS	Number of farms	Per cent farms	Number of cows	Per cent of cows	Per cent of farms growing silage	Number of cows on farms where corn silage is grown	Number of cows on farms where corn silage is not grown	Per cent of cows on farms where corn silage is grown
0	4,887	16.4	....	....	....	....	....	....
1	2,630	8.8	2,630	.9	7.3	191	2,439	7.3
2	2,497	8.4	4,994	1.8	13.7	682	4,312	13.7
3	1,852	6.2	5,556	2.0	18.1	1,008	4,548	18.1
4	1,579	5.3	6,316	2.2	21.8	1,376	4,940	21.8
5	1,286	4.3	6,430	2.3	32.5	2,090	4,340	32.5
6	1,145	3.8	6,870	2.4	38.3	2,634	4,236	38.3
7	940	3.2	6,580	2.3	44.8	2,947	3,633	44.8
8	1,005	3.4	8,040	2.8	48.2	3,872	4,168	48.2
9	791	2.7	7,119	2.5	54.5	3,879	3,240	54.5
10	982	3.3	9,820	3.5	54.8	5,380	4,440	54.8
11- 15	3,369	11.3	43,684	15.4	63.7	27,897	15,787	63.9
16- 20	2,611	8.8	47,082	16.6	65.0	30,598	16,484	65.0
21- 25	1,636	5.5	37,717	13.3	69.1	26,105	11,612	69.2
26- 30	1,113	3.7	31,394	11.1	67.7	21.233	10,161	67.6
31- 40	935	3.1	32,893	11.6	71.0	23,346	9,547	71.0
41- 50	300	1.	13,701	4.8	77.3	10,605	3,096	77.4
51- 75	137	0.5	8,265	2.9	76.6	6,316	1,949	76.4
76–100	30	0.1	2,618	.9	86.7	2,277	341	87.0
Over 100	7	0.02	2,323	.8	88.2	2,078	245	89.5
Total	29,742	100.	284,032	10.0	36.8	174,514	109,518	61.4

SHEEP ON FARMS IN NEW YORK

One of the striking changes in New York agriculture is the great decrease in sheep production. In 1845 there were over six million sheep, but in 1917 there were a little more than one-half million. A small increase occured in 1917. The number of breeding ewes was 14,708 more on February 1, 1918. than a year before.

The classification of sheep on February 1, 1918, was as follows:

Breeding ewes, one year old and older	332,682
Ewes under one year old to be kept for breeding	77,653
All other sheep and lambs	104,481
Total sheep	514,816

TABLE 14.— SHEEP ON FARMS IN NEW YORK

June 1, 1821, sheep owned, age not specified	2,147,351
July 1, 1825, sheep, age not specified	3,496,539
July 1, 1835, sheep, age not specified	4,261,765
June 1, 1840, sheep, age not specified	5,118,777
July 1, 1845, sheep, all ages	6,443,855
June 1, 1850, sheep, one year old or older	3,453,241
June 1, 1855, sheep, age not specified	3,217,024
June 1, 1860, sheep, age not specified	2,617,855
June 1, 1865, sheep and lambs	5,521,610
June 1, 1870, sheep, spring lambs omitted	2,181,578
1874, sheep shorn	1,490,003
1875, sheep shorn	1,346,711
June 1, 1880, sheep, age not specified	1,715,180
June 1, 1890, sheep, age not specified	1,528,979
June 1, 1900, sheep, all ages	1,745,746
April 15, 1910, sheep, all ages	930,300
January 1, 1916, sheep, all ages	494,410
April 21, 1917, sheep, all ages	610,490
February 1, 1918, sheep, all ages	514,816

In 9 counties the size of flocks of breeding ewes was tabulated. The largest flock was 400 in Livingston county. There were 20 flocks of over 150 breeding ewes. Over half of the ewes were in flocks of over 30.

TABLE 15.— SIZE OF FLOCKS OF BREEDING EWES, NINE COUNTIES, APRIL 21, 1917, FROM TABLE 29

NUMBER OF BREEDING EWES	Number of farms	Per cent of farms	Number of ewes	Per cent of ewes
None	26,939	90.9	....	....
1- 5	436	1.5	1,308	1.9
6- 10	360	1.2	2,880	4.2
11- 15	348	1.2	4,524	6.7
16- 20	367	1.2	6,606	9.7
21- 25	267	.9	6,141	9.0
26- 30	218	.7	6,104	9.0
31- 40	274	.9	9,737	14.3
41- 50	166	.6	7,543	11.1
51- 75	138	.5	8,424	12.4
75-100	61	.2	5,303	7.8
101-200	50	.2	6,752	9.9
Over 200	9	....	2,576	3.8
Total	29,633	100	67,898	99.8

In nine counties, averages were found for farms having over thirty breeding ewes on April 21, 1917. These farms averaged as follows:

Average size of farm	204 acres
Average number of breeding ewes per farm	62
Average number of dairy cows per farm	7

These farms were much larger than the average farm, but have about half as many cows per acre as the average farm.

HOGS ON FARMS IN NEW YORK

The number of hogs on farms has decreased to about one-fourth the former numbers. The decrease seems to be still continuing as there were 1,717 more brood sows February 1, 1917, than one year later. (Table 16.)

In nine counties in 1917, a little over one-fourth of the farmers had one or more brood sows. About one farmer in sixty had more than three brood sows, Table 30. February 1, 1918, there were 82,614 brood sows six months old or older and 315,442 other hogs and pigs.

TABLE 16.—HOGS ON NEW YORK FARMS

July 1, 1825, hogs, age not specified	1,467,573
July 1, 1835, hogs, age not specified	1,554,358
June 1, 1840, swine, age not specified	1,900,065
July 1, 1845, hogs, age not specified	1,584,344
June 1, 1850, swine, age not specified	1,018,252
June 1, 1855, swine, all ages	1,069,792
June 1, 1860, swine, age not specified	910,178
June 1, 1865, swine, all ages	1,077,226
June 1, 1870, swine, sucking pigs omitted	518,251
June 1, 1875, swine, all ages	960,393
June 1, 1880, swine, age not specified	751,907
June 1, 1890, swine, age not specified	843,342
June 1, 1900, swine, all ages	676,639
April 15, 1910, hogs and pigs, all ages	666,179
January 1, 1916, swine, age not specified	585,759
April 21, 1917, hogs and pigs, all ages	444,367
February 1, 1918, hogs and pigs, all ages	398,083

CHICKENS ON FARMS IN NEW YORK

The chickens on farms nearly doubled from 1880 to 1916, but in 1918 there was a decided decrease. The number of hens decreased from 10,738,960 on April 21, 1917, to 8,907,644 on February 1, 1918.

In 1916 the number of eggs incubated was 30,160,859. This was about three eggs per hen. In 1917 the number incubated was 24,975,028.

TABLE 17.—CHICKENS ON FARMS IN NEW YORK

June 1, 1880, exclusive of spring hatch	6,448,886
June 1, 1890, age not specified	8,421,667
June 1, 1900, over three months old	8,964,736
April 15, 1910, over three months old	10,232,498
January 1, 1916, chickens	12,656,664
April 21, 1917, hens and roosters	11,259,431
February 1, 1918, hens	8,907,644

TABLE 18.—NUMBER OF HENS PER FARM, EIGHT COUNTIES, APRIL 21, 1917, FROM TABLE 31

NUMBER OF HENS	Number of farms	Per cent of farms	Total hens	Per cent of hens
0-	2,927	11.8		
1- 25	4,722	19.0	61,386	4.5
26- 50	8,477	34.1	322,126	23.7
51- 75	3,845	15.5	242,235	17.9
76- 100	2,453	9.9	215,864	15.9
101- 150	1,328	5.3	166,000	12.2
151- 200	509	2.0	89,075	6.6
201- 300	326	1.3	81,500	6.0
301- 400	93	.4	32,550	2.4
401- 500	72	.3	32,400	2.4
501-1,000	87	.3	65,250	4.8
1,001-1,500	17	.1	21,250	1.6
1,501-2,000	6	.02	10,500	.8
Over 2,000	4	.02	16,350	1.2
Total	24,866	100.00	1,356,486	100.00

The size of flocks was tabulated for eight counties. The largest number on any one farm was 8,000. Nearly two-thirds of the farms had less than fifty-one hens, but these farmers had only a little more than one-fourth of the hens.

A tabulation was made of 114 farms in eight counties that had flocks of over 500 hens. These farms averaged as follows:

Average size of farm	226 acres
Average number of hens per farm	1,005
Average number of cows per farm	13
Average acres of apples per farm	4

These farms were twice as large as the average farm, and had more cows per farm, but were on the average not so heavily stocked with cows in proportion to acreage.

TURKEYS, DUCKS, GEESE, BEES ON FARMS IN NEW YORK

The number of turkeys and geese is much less than formerly. The greatest number of ducks ever reported was in 1917.

There were 187,208 colonies of bees in 1900. In 1910 there were 156,360 colonies, and 122,268 in 1917, and in 1918 there were 130,954.

TABLE 19.—TURKEYS, DUCKS AND GEESE ON FARMS IN NEW YORK

	Turkeys	Ducks	Geese
June 1, 1890, age not specified	402,642	301,419	80,403
June 1, 1900, over three months old	190,879	150,864	45,933
April 15, 1910, over three months old	104,957	164,488	29,295
January 1, 1916, age not specified	167,753	356,004	57,514
April 21, 1917, age not specified	70,839	491,472	29,794
February 1, 1918, age not specified	60,513	103,848	29,012

TABLE 20.— CENSUS

	State	Albany	Alle-gany	Broome	Cattar-augus	Cayuga	Chautau-qua	Che-mung	Che-nango	Clinton	Colum-bia
Number of farms	200,903	3,048	4,574	3,915	5,007	4,466	7,050	1,785	3,978	3,474	2,280
Farm population living or working on farms											
Farmer and his family											
Males under 14 years old	102,608	1,238	2,273	1,763	2,840	2,010	3,558	984	1,787	2,286	1,031
Females under 14 years old	96,448	1,182	2,049	1,772	2,718	1,894	3,151	988	1,675	2,348	886
Males 14 years or older	265,061	4,193	6,021	4,667	6,451	5,809	8,534	2,356	4,923	4,656	3,123
Females 14 years or older	244,826	3,877	5,409	4,359	6,405	5,566	7,941	2,174	4,651	4,240	2,856
Total	*708,943*	*10,490*	*15,752*	*12,561*	*18,414*	*15,279*	*23,184*	*6,502*	*13,036*	*13,530*	*7,896*
Hired help and their families											
Males under 14 years old	16,562	185	246	316	231	345	267	107	264	391	395
Females under 14 years old	14,547	162	220	285	205	360	215	76	200	324	294
Males 14 years or older	63,958	1,087	968	669	924	1,231	1,112	373	994	1,087	1,203
Females 14 years or older	26,507	433	400	322	399	593	453	174	480	486	561
Total hired help and their families	*121,674*	*1,867*	*1,834*	*1,592*	*1,759*	*2,529*	*2,047*	*730*	*1,938*	*2,288*	*2,453*
Total farm population	*830,617*	*12,357*	*17,586*	*14,153*	*20,173*	*17,808*	*25,231*	*7,232*	*14,974*	*15,818*	*10,349*
Number who have left the farm											
Sons of present farm operators who left the farm for work other than farm labor	46,367	627	1,027	945	1,466	738	1,643	465	748	823	473
Daughters of present farm operators who left the farm to live in villages or cities	45,165	619	1,023	869	1,395	688	1,440	422	669	856	415
Hired help											
Number of hired men, April 21, 1916	104,332	1,820	1,618	1,208	1,758	2,385	2,507	578	1,419	1,922	1,984
Number of hired men, April 21, 1917	88,310	1,515	1,316	994	1,395	1,928	1,996	516	1,277	1,540	1,693
Number of additional help needed for farm work	58,596	986	1,168	645	1,247	1,327	2,119	251	864	1,040	859
Number who could use inexperienced school boys	24,614	531	584	269	530	587	859	207	293	359	349
Number of additional help needed for household work	7,511	82	145	87	184	156	232	30	118	107	101
Number who could use school girls	5,443	47	140	86	186	120	310	30	76	89	51
Horses and mules											
Mares 3 years old or older	224,239	2,993	5,811	4,054	5,578	6,377	7,184	2,144	4,155	4,782	1,478
Number reporting mares	124,522	1,639	3,239	2,637	3,461	2,785	4,206	1,189	2,547	2,536	1,320
Geldings 3 years old or older	254,507	3,974	5,551	3,812	5,415	6,519	7,725	2,458	4,852	3,706	3,158
Number reporting geldings	123,349	1,784	2,958	2,209	3,298	3,001	4,283	1,213	2,559	1,954	1,328
Mules 3 years old or older	6,446	53	132	114	108	238	188	117	144	75	116
Number reporting mules	3,528	26	75	59	65	101	92	76	85	19	79
Stallions	4,674	56	178	57	159	127	137	50	84	152	47
Number reporting stallions [1]	4,316	51	174	51	139	130	121	55	76	79	47
Colts under 3 years old	41,747	379	1,382	570	1,073	1,137	1,501	461	667	1,837	245
Number reporting colts	29,229	276	1,020	430	718	957	1,070	320	498	1,216	198
Mule colts under 3 years old	1,103	27	61	60	13	42	41	18	37	3	9
Number reporting mule colts	738	16	30	35	8	40	21	15	23	3	7
Total horses and mules	*532,716*	*7,482*	*13,115*	*8,667*	*12,346*	*14,440*	*16,776*	*5,248*	*9,939*	*10,555*	*5,053*
Cattle											
Dairy cows 2 years old or older	1,385,005	11,429	36,881	27,029	56,843	23,427	46,840	10,695	46,728	27,075	10,516
Number reporting dairy cows	156,660	2,097	3,848	3,027	4,498	3,541	5,384	1,377	3,294	3,060	1,649
Heifers 1 and under 2 years old (to be raised for dairy cows)	338,992	2,313	9,454	8,040	15,557	4,896	11,895	3,328	11,777	7,217	2,861
Number reporting heifers 1 and under 2 years old	99,226	944	2,712	2,111	3,972	2,036	3,383	984	2,507	2,074	998
Heifers under 1 year old (to be raised for dairy cows)	227,357	1,398	6,885	5,187	9,682	3,208	9,392	1,936	8,384	4,844	1,727
Number reporting heifers under 1 year old	76,023	753	2,315	1,659	2,864	1,497	3,118	740	2,180	1,615	729
Bulls	84,094	667	2,469	1,829	3,862	1,181	2,907	830	2,441	1,672	690
Number reporting bulls	62,435	438	1,880	1,439	2,618	1,174	2,223	724	1,746	1,267	554
Calves to be vealed	134,344	2,188	5,987	1,863	4,808	2,802	6,043	1,161	2,228	4,128	1,276
Number reporting calves to be vealed	57,073	838	2,075	1,005	1,643	1,858	2,165	494	874	1,270	666
Steers and beef cattle	39,302	260	808	662	1,818	985	1,257	294	563	1,094	129
Number reporting steers and beef cattle	11,723	135	242	238	281	482	265	73	145	286	101
Total cattle	*2,209,094*	*18,255*	*62,484*	*44,610*	*92,570*	*36,499*	*78,334*	*18,244*	*72,121*	*46,030*	*17,199*
Number of dairy cows 2 years old or older, April 21, 1916	1,325,490	10,917	36,202	25,955	52,811	22,195	43,850	9,361	42,899	24,117	10,281
Number of heifer calves under 1 year old to be raised for dairy cows, April 21, 1916	306,594	2,321	9,452	7,088	11,193	4,810	11,052	2,547	9,982	6,163	2,219
Sheep											
Breeding ewes	337,605	6,767	8,594	3,341	2,099	15,071	3,825	2,059	2,336	4,320	6,162
Number reporting breeding ewes	17,315	325	450	256	152	648	268	119	163	370	383
Spring lambs	210,221	4,306	4,511	1,592	1,638	4,792	2,757	996	1,303	1,927	4,039
Number reporting spring lambs	13,998	271	364	191	115	515	246	105	123	238	383
Other sheep	62,664	721	1,603	651	602	1,152	749	317	247	1,932	1,057
Number reporting other sheep	9,910	173	460	106	117	424	180	64	78	235	200
Total sheep	*610,490*	*11,794*	*14,708*	*5,584*	*4,339*	*21,015*	*7,331*	*3,372*	*3,886*	*8,179*	*11,258*
Hogs											
Brood sows	75,667	1,547	1,196	818	1,573	2,122	1,640	450	972	1,840	1,250
Number reporting brood sows	45,891	939	864	470	933	1,374	1,061	311	571	1,044	681
All other hogs and pigs	368,700	7,101	6,053	3,910	8,457	11,641	7,862	2,194	4,485	5,994	5,143
Number reporting other hogs and pigs	79,334	1,186	1,905	919	2,115	2,043	2,243	671	1,404	1,915	1,085
Total hogs and pigs	*444,367*	*8,648*	*7,249*	*4,728*	*10,030*	*13,763*	*9,502*	*2,644*	*5,457*	*7,834*	*6,393*
Poultry											
Hens	10,738,960	175,649	194,148	177,293	234,090	283,593	351,391	80,068	278,547	102,350	134,472
Number reporting hens	166,479	2,409	3,647	2,842	4,738	3,679	5,654	1,541	3,320	2,995	1,704
Roosters	520,471	9,184	8,614	8,128	10,650	14,863	13,766	4,106	13,307	5,732	6,762
Number reporting roosters	151,644	2,302	3,398	2,658	4,147	3,363	5,044	1,424	2,969	2,749	1,626
Turkeys	70,839	757	1,471	491	1,467	1,891	1,206	103	1,413	1,429	1,091
Number reporting turkeys	19,309	210	514	138	342	723	278	32	348	367	298
Ducks	491,472	1,971	2,230	1,995	1,906	4,372	2,552	764	2,455	494	1,840
Number reporting ducks	23,691	342	514	342	477	739	512	158	456	155	371
Geese	29,794	740	420	297	392	908	539	230	201	307	473
Number reporting geese	9,187	311	92	59	125	450	204	69	65	87	182
Number of eggs set or incubated in 1916	30,160,859	510,605	452,064	424,578	603,412	627,420	1,002,570	189,656	687,419	267,717	364,169
Number of eggs expected to be set or incubated in 1917	23,507,229	467,433	427,630	356,938	477,050	543,060	803,466	193,448	589,653	267,258	378,304
Bees											
Bees — colonies or hives	122,268	2,771	2,538	1,817	2,949	4,545	3,575	2,146	1,843	1,283	1,907
Number reporting bees	14,541	217	369	200	470	378	481	197	251	130	352

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[1] Joint ownership of stallions gives in some cases more owners than stallions.

TAKEN APRIL 21, 1917

Cortland	Delaware	Dutchess	Erie	Essex	Franklin	Fulton	Genesee	Greene	Hamilton	Herkimer	Jefferson	Lewis	Livingston	Madison	Monroe	Montgomery	Nassau
2,537	4,770	3,420	8,098	2,323	3,312	1,842	2,726	2,185	410	2,852	5,507	3,129	3,032	4,337	5,978	2,120	1,232
1,135	2,444	1,387	4,312	1,242	2,265	806	1,485	881	210	1,541	5,704	1,752	1,508	1,969	3,042	1,002	571
1,096	2,450	1,290	4,090	1,151	1,985	839	1,357	812	188	1,367	5,121	1,622	1,400	1,772	2,871	992	573
3,098	6,482	4,323	11,196	3,321	4,801	2,468	3,994	2,794	600	3,778	9,127	4,366	4,209	5,093	8,072	3,037	1,716
2,881	6,035	4,254	10,420	3,095	4,314	2,258	3,657	2,869	540	3,421	7,270	3,792	3,867	4,602	7,370	2,758	1,115
8,210	*17,411*	*11,254*	*30,018*	*8,809*	*13,365*	*6,371*	*10,493*	*7,356*	*1,538*	*10,107*	*27,222*	*11,532*	*10,975*	*13,436*	*21,355*	*7,789*	*3,975*
196	417	675	303	186	349	64	240	143	17	180	325	100	364	408	569	136	102
153	320	664	306	156	284	44	219	125	24	133	331	92	266	339	523	121	146
697	1,202	2,691	1,733	601	1,034	336	1,078	690	113	872	1,661	789	1,536	1,351	2,076	931	1,258
284	558	1,257	671	139	471	112	381	315	55	290	649	272	557	582	1,015	219	279
1,330	*2,497*	*5,287*	*3,013*	*1,082*	*2,138*	*556*	*1,918*	*1,273*	*209*	*1,475*	*2,966*	*1,253*	*2,723*	*2,680*	*4,183*	*1,407*	*1,785*
9,540	*19,908*	*16,541*	*33,031*	*9,891*	*15,503*	*6,927*	*12,411*	*8,629*	*1,747*	*11,582*	*30,188*	*12,785*	*13,698*	*16,116*	*25,538*	*9,198*	*5,760*
443	961	794	2,293	654	960	574	501	418	140	535	1,139	652	541	479	1,050	459	247
400	896	718	2,198	627	1,027	567	507	420	149	541	906	681	548	572	1,031	413	199
1,288	1,972	3,813	3,154	1,108	1,594	673	1,634	1,197	208	1,471	2,853	1,197	2,306	1,916	3,774	1,203	2,381
1,004	1,746	3,395	2,641	961	959	526	1,271	1,087	187	1,146	2,173	1,053	2,066	1,626	3,225	992	2,197
642	1,426	1,168	2,044	707	1,549	873	729	532	50	601	1,571	451	1,214	1,115	2,405	505	908
214	469	358	1,115	234	652	177	230	197	6	262	539	136	399	565	943	250	471
55	260	157	120	101	181	30	81	200	10	83	238	76	153	93	156	50	32
47	162	83	128	72	145	42	56	85	6	50	150	52	138	76	225	33	21
2,932	4,488	3,338	8,161	2,196	4,099	1.535	5,063	1,717	258	2,893	7,724	3,379	5,740	4,425	7,736	2,767	561
1,650	2,758	1,934	4,516	1,320	2,313	972	2,131	1,131	172	1,639	4,086	2,037	2,294	3,365	3,578	1,653	328
3,252	5,954	5,218	9,878	1,903	3,569	1,767	5,212	2,248	285	3,989	8,002	3,358	6,021	4,994	7,940	3,290	2,349
1,518	3,056	2,127	4,748	1,034	2,073	1,022	2,065	1,241	157	1,836	4,071	2,000	2,211	3,878	3,731	1,400	627
141	127	188	231	30	75	20	127	33	4	89	93	16	138	169	114	41	128
82	63	94	122	24	52	11	65	18	2	43	46	6	60	82	72	21	61
63	129	97	167	75	127	68	51	48	9	56	158	56	88	85	80	79	58
77	127	76	148	73	144	59	41	44	7	49	153	49	69	118	80	62	22
460	579	524	1,405	464	1,179	255	950	238	48	440	1,197	636	1,501	796	1,244	573	47
347	425	326	881	70	810	205	573	166	38	336	1,176	545	803	573	764	377	22
17	53	7	21	4	10	......	10	4	......	33	18	5	12	47	8	10	1
24	13	7	16	3	7	......	7	3	......	17	10	5	9	31	8	16	1
6,865	*11,330*	*9,372*	*19,863*	*4,672*	*9,059*	*3,645*	*11,413*	*4,288*	*804*	*7,500*	*17,192*	*7,450*	*13,500*	*10,516*	*17,122*	*6,760*	*3,144*
27,092	74,618	26,839	40,123	8,215	30,710	8,355	13,829	12,896	1,038	35,689	66,109	38,310	17,153	34,033	14,665	18,235	1,876
1,982	4,100	2,505	5,770	1,832	2,768	1,349	2,376	1,677	341	2,312	4,788	2,659	2,521	3,137	4,047	1,673	588
5,058	16,398	7,470	9,366	2,878	7,041	2,322	2,928	2,822	349	6,728	15,373	10,106	3,763	10,457	3,213	4,147	425
1,454	3,271	1,647	3,122	1,025	1,922	1,109	1,216	1,043	186	1,689	3,758	2,219	1,298	2,349	1,579	1,219	198
4,486	14,293	5,280	5,656	1,928	5,784	1,332	1,494	2,323	210	4,795	12,369	6,471	2,263	6,398	1,816	2,983	171
1,222	2,998	1,311	2,423	773	1,706	623	751	737	122	1,348	3,381	1,832	961	1,778	1,141	995	93
1,311	3,826	1,380	1,893	940	1,848	768	620	659	145	2,173	4,387	2,609	888	2,317	755	1,639	116
1,046	2,595	939	1,404	625	1,407	550	587	548	103	1,452	3,299	1,856	704	1,382	622	1,102	61
1,382	1,292	1,511	3,017	1,887	2,440	1,034	2,252	1,628	194	1,149	5,441	1,889	2,969	1,636	2,086	1,167	75
569	689	761	1,508	769	815	476	954	717	113	488	1,790	787	1,166	833	1,926	580	60
292	480	664	1,574	1,235	388	209	1,095	260	92	87	639	299	2,768	747	1,974	330	14
88	200	125	344	258	175	69	205	116	53	48	214	138	372	162	506	88	8
39,821	*110,907*	*43,144*	*61,629*	*17,083*	*48,211*	*14,020*	*22,218*	*20,588*	*2,028*	*50,621*	*104,318*	*59,684*	*29,804*	*55,588*	*24,509*	*28,501*	*2,677*
25,494	69,685	25,472	39,065	9,987	28,439	7,663	13,351	11,982	969	32,908	63,201	35,140	16,460	34,469	15,161	16,398	1,877
5,935	14,649	6,067	8,174	2,739	6,783	1,902	2,686	2,909	296	6,453	14,316	8,534	3,272	9,347	3,029	3,753	346
1,356	2,785	4,599	3,397	10,002	2,230	475	12,119	3,901	1,094	797	2,704	1,368	25,536	1,874	8,356	812	386
108	200	263	201	441	248	75	515	209	72	77	194	157	668	113	432	156	23
791	2,044	3,688	3,481	4,638	1,152	371	7,961	2,842	1,020	652	1,624	1,106	15,751	1,368	5,694	710	416
71	177	236	150	317	155	72	414	177	69	53	137	153	534	76	378	68	17
176	437	482	2,519	1,817	460	158	4,978	577	138	174	225	234	2,703	411	1,165	156	89
41	121	105	108	374	133	56	257	98	30	36	95	79	387	53	296	45	15
2,323	*5,266*	*8,769*	*9,397*	*16,457*	*3,842*	*1,004*	*25,058*	*7,320*	*2,252*	*1,623*	*4,553*	*2,708*	*43,990*	*3,653*	*15,215*	*1,678*	*891*
635	1,445	2,198	2,250	1,050	1,724	558	1,617	1,061	108	932	3,085	1,499	1,479	1,098	2,442	1,161	210
360	781	1,099	1,170	590	974	364	826	595	69	531	1,631	849	969	542	1,531	624	77
2,028	6,739	10,967	13,638	3,188	6,826	2,261	7,971	4,698	640	4,464	13,282	6,619	8,324	4,128	12,614	4,953	1,105
864	1,781	1,319	2,873	880	1,377	591	1,249	911	203	1,044	2,536	1,609	1,537	1,277	2,386	937	276
2,663	*8,184*	*13,165*	*15,888*	*4,238*	*8,550*	*2,819*	*9,588*	*5,759*	*748*	*5,396*	*16,367*	*8,118*	*9,803*	*5,226*	*15,056*	*6,114*	*1,315*
144,976	267,728	244,789	378,852	63,867	99,753	63,354	132,108	175,994	7,823	130,988	213,038	115,900	156,356	209,071	257,349	114,953	80,953
2,184	4,046	2,855	6.707	1,798	2,932	1,485	2,562	1,805	327	2,338	4,913	2,569	2,679	3,197	4,639	1,710	880
6,097	10,854	13,176	17,221	4,028	5,700	3,548	6,986	5,163	480	8,806	12,345	5,193	8,662	8,909	13,504	6,515	8,985
1,938	3,877	2,711	5,919	1,756	2,709	1,380	2,474	1,661	295	2,346	4,920	2,487	2,495	2,963	4,798	1,737	807
537	1,730	2,497	1,008	452	1,213	302	1,291	472	279	2,023	4,665	1,613	1,812	1,139	1,089	657	180
188	534	580	240	125	376	135	335	134	26	328	1,350	424	482	322	331	299	40
1,822	3,140	3,653	4,915	409	639	519	2,195	1,065	54	1,323	2,062	615	2,263	2,683	2,895	1,069	1,768
363	708	674	859	95	214	161	529	231	13	305	541	190	457	523	657	306	168
273	416	741	2,606	159	252	170	572	230	24	277	618	175	482	873	1,296	366	534
67	114	202	497	52	89	84	181	47	6	91	170	98	156	96	354	103	112
361,434	645,025	1.060,127	1,232,183	167,047	246,805	174,320	461,069	293,758	25,647	348,927	427,856	194,462	338,414	505,167	973,268	253,587	237,223
301,403	581,458	1,086,155	1,130,518	182,202	239,422	151,720	373,670	296,862	22,770	356,675	473,496	214,807	359,514	430,643	979,061	262,436	273,131
1,302	2,272	2,455	3,170	1,506	1,468	1,352	1,600	2,054	136	977	3,154	1,068	3,258	1,878	1,918	3,286	256
125	336	315	536	157	172	68	274	209	6	88	260	126	342	190	457	196	60

TABLE 20.— CENSUS

	Niagara	Oneida	Onondaga	Ontario	Orange	Orleans	Oswego	Otsego	Putnam	Rensselaer	Rockland
Number of farms	4,262	6,621	5,628	4,005	3,032	2,529	6,353	4,767	703	3,274	1,074
Farm population living or working on farms											
Farmer and his family											
Males under 14 years old	2,446	3,262	2,801	1,997	1,853	1,300	2,731	2,156	278	1,386	375
Females under 14 years old	2,678	3,058	2,635	1,861	1,732	1,299	2,624	2,154	274	917	334
Males 14 years or older	5,649	8,328	7,706	5,519	4,544	3,495	7,838	6,492	1,026	3,783	1,184
Females 14 years or older	5,584	7,560	7,079	5,141	4,307	2,234	7,284	6,111	1,019	3,984	1,040
Total	*16,357*	*22,208*	*20,221*	*14,518*	*12,436*	*8,328*	*20,477*	*16,913*	*2,597*	*10,070*	*2,933*
Hired help and their families											
Males under 14 years old	413	329	490	379	564	338	289	293	110	181	48
Females under 14 years old	436	260	384	381	492	325	257	273	82	187	47
Males 14 years or older	1,456	1,540	1,879	1,604	1,679	1,170	1,099	1,424	593	1,018	383
Females 14 years or older	615	509	735	735	716	562	486	557	256	361	163
Total hired help and their families	*2,920*	*2,638*	*3,488*	*3,099*	*3,451*	*2,395*	*2,131*	*2,547*	*1,041*	*1,747*	*641*
Total farm population	*19,277*	*24,846*	*23,709*	*17,617*	*15,887*	*10,723*	*22,608*	*19,460*	*3,638*	*11,817*	*3,574*
Number who have left the farm											
Sons of present farm operators who left the farm for work other than farm labor	802	1,522	1,173	633	863	302	1,324	855	149	802	240
Daughters of present farm operators who left the farm to live in villages or cities	754	1,590	1,401	591	792	289	1,195	851	124	722	147
Hired help											
Number of hired men, April 21, 1916	2,680	2,780	3,025	2,671	2,763	1,836	1,783	1,952	908	1,642	654
Number of hired men, April 21, 1917	2,137	2,335	2,502	2,199	2,451	1,487	1,579	1,820	799	1,359	619
Number of additional help needed for farm work	3,462	1,331	1,807	1,614	1,468	1,613	926	952	129	633	246
Number who could use inexperienced school boys	1,133	456	1,094	534	762	444	361	486	49	255	160
Number of additional help needed for household work	201	153	159	118	114	86	129	121	22	87	39
Number who could use school girls	161	98	159	156	66	68	108	85	21	114	29
Horses and mules											
Mares 3 years old or older	6,436	6,065	6,934	6,377	3,112	4,615	5,875	5,086	586	2,735	348
Number reporting mares	3,046	3,755	3,737	2,853	1,805	2,025	3,490	2,918	363	1,707	261
Geldings 3 years old or older	6,106	7,623	7,518	6,552	4,467	4,348	5,558	6,186	843	3,501	651
Number reporting geldings	2,821	3,956	3,629	2,899	1,874	1,855	3,316	3,246	357	1,735	336
Mules 3 years old or older	229	93	286	228	41	124	135	149	24	46	46
Number reporting mules	104	45	178	109	19	68	69	67	15	25	15
Stallions	66	120	130	102	45	32	121	19	18	66	32
Number reporting stallions [1]	61	107	193	62	32	8	106	176	17	59	18
Colts under 3 years old	1,110	906	1,148	1,316	364	787	1,145	819	35	315	25
Number reporting colts	669	686	845	822	399	514	803	509	29	215	13
Mule colts under 3 years old	51	11	45	29	6	12	29	55	5	......	......
Number reporting mule colts	18	9	40	19	1	6	18	38	3	......	......
Total horses and mules	*13,998*	*14,818*	*16,061*	*14,604*	*8,035*	*9,918*	*12,863*	*12,314*	*1,611*	*6,668*	*1,102*
Cattle											
Dairy cows 2 years old or older	11,958	58,794	29,856	12,124	37,736	6,886	36,762	46,335	7,187	15,089	1,645
Number reporting dairy cows	3,242	5,306	4,087	3,314	2,553	2,050	4,666	4,001	561	2,290	489
Heifers 1 and under 2 years old (to be raised for dairy cows)	2,911	14,030	8,891	3,266	7,124	1,332	9,632	12,236	1,890	3,728	486
Number reporting heifers 1 and under 2 years old	1,402	3,744	2,493	1,548	1,603	716	3,050	3,013	368	1,491	215
Heifers under 1 year old (to be raised for dairy cows)	1,302	9,141	5,717	2,216	3,935	697	5,988	8,340	905	2,186	163
Number reporting heifers under 1 year old	785	2,829	1,813	980	1,088	421	2,273	2,447	263	1,021	81
Bulls	567	3,612	1,779	750	1,471	296	2,142	3,852	360	1,023	64
Number reporting bulls	476	2,565	1,260	574	1,123	273	1,716	2,174	213	830	50
Calves to be vealed	1,848	2,959	3,216	2,232	876	1,599	3,352	2,214	265	1,489	98
Number reporting calves to be vealed	1,086	1,356	1,562	1,292	466	1,005	1,423	1,044	109	821	58
Steers and beef cattle	524	1,264	473	2,424	298	1,235	686	1,045	164	233	22
Number reporting steers and beef cattle	201	193	261	614	39	274	289	314	31	94	14
Total cattle	*19,110*	*89,800*	*49,932*	*23,012*	*51,440*	*12,045*	*58,562*	*74,022*	*10,771*	*23,748*	*2,478*
Number of dairy cows 2 years old or older, April 21, 1916	11,715	54,933	30,678	12,240	34,368	6,737	35,688	43,280	6,891	13,550	1,333
Number of heifer calves under 1 year old to be raised for dairy cows, April 21, 1916	2,483	13,159	7,705	2,908	5,670	1,183	8,805	14,990	1,511	3,386	372
Sheep											
Breeding ewes	6,960	2,562	6,169	29,057	629	20,492	1,431	4,285	307	6,997	61
Number reporting breeding ewes	306	193	426	884	48	760	186	215	19	316	8
Spring lambs	4,405	1,687	4,467	21,179	524	12,887	876	3,192	326	4,319	63
Number reporting spring lambs	273	138	366	780	49	676	131	228	16	282	7
Other sheep	1,184	728	1,173	2,514	161	3,224	344	962	160	2,055	99
Number reporting other sheep	163	104	263	451	30	363	88	199	15	227	6
Total sheep	*12,549*	*4,977*	*11,809*	*52,750*	*1,314*	*36,603*	*2,651*	*8,439*	*793*	*13,371*	*223*
Hogs											
Brood sows	1,890	2,165	2,299	2,461	1,080	1,487	1,623	1,371	248	1,216	231
Number reporting brood sows	1,264	1,216	1,372	1,497	487	997	1,142	888	132	842	83
All other hogs and pigs	10,748	12,020	10,794	12,388	6,360	9,085	7,298	7,820	1,219	5,257	823
Number reporting other hogs and pigs	2,072	2,494	2,092	2,208	975	1,383	1,988	1,870	221	1,193	170
Total hogs and pigs	*12,638*	*14,185*	*13,093*	*14,849*	*7,440*	*10,572*	*8,921*	*9,191*	*1,467*	*6,473*	*1,054*
Poultry											
Hens	247,054	249,638	223,173	222,130	232,159	116,484	243,760	363,969	42,307	160,445	53,276
Number reporting hens	3,688	5,669	4,842	3,430	2,730	2,243	4,798	4,040	633	2,628	763
Roosters	14,061	13,047	15,049	11,290	11,662	6,635	11,555	13,590	1,896	8,220	2,648
Number reporting roosters	3,488	5,018	4,291	3,103	2,495	2,127	4,403	3,603	560	2,436	688
Turkeys	758	2,168	1,668	868	1,029	1,038	1,975	2,154	82	614	80
Number reporting turkeys	209	595	468	240	400	272	547	579	35	170	16
Ducks	7,389	3,143	4,503	2,600	5,189	1,387	2,686	3,387	662	2,148	559
Number reporting ducks	474	795	1,041	553	687	327	543	658	98	420	92
Geese	1,038	781	1,126	752	682	677	572	447	144	552	256
Number reporting geese	290	238	456	221	250	208	172	183	42	140	57
Number of eggs set or incubated in 1916	1,731,685	646,501	780,021	532,536	658,319	275,157	685,622	948,439	104,540	446,985	198,923
Number of eggs expected to be set or incubated in 1917	1,683,095	639,418	711,416	520,561	641,340	278,916	640,535	848,655	116,751	371,627	202,932
Bees											
Bees — colonies or hives	2,316	2,040	4.501	3,395	1,457	1,414	1,971	2,206	273	2,041	404
Number reporting bees	302	304	296	368	234	307	224	286	64	286	83

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[1] Joint ownership of stallions gives in some cases more owners than stallions.

TAKEN APRIL 21, 1917

Steuben	St. Lawrence	Saratoga	Schenectady	Schoharie	Schuyler	Seneca	Suffolk	Sullivan	Tioga	Tompkins	Ulster	Warren	Washington	Wayne	Westchester	Wyoming	Yates
6,581	7,278	3,134	1,040	2,962	1,877	1,830	2,513	4,523	2,544	2,749	4,589	1,669	3,376	5,377	1,816	3,432	1,978
3,713	3,449	1,638	538	1,168	725	941	1,224	2,161	1,118	1,113	3,112	800	1,495	2,536	538	1,802	926
3,421	3,320	1,589	499	1,171	678	844	1,325	2,072	1,047	1,171	2,062	792	1,415	2,550	701	1,720	866
7,621	9,212	4,470	1,522	3,623	2,213	2,408	3,133	5,747	3,318	3,482	6,073	2,282	4,710	7,261	2,107	4,568	2,548
7,203	8,913	4,068	1,340	3,718	2,092	1,877	2,862	5,514	3,165	3,329	5,652	1,973	4,217	6,808	2,055	4,188	2,513
21,958	*24,894*	*11,765*	*3,899*	*9,680*	*5,708*	*6,070*	*8,544*	*15,494*	*8,648*	*9,095*	*16,899*	*5,847*	*11,837*	*19,155*	*5,401*	*12,278*	*6,853*
456	1,132	150	51	249	106	173	550	122	131	249	430	105	263	637	277	276	250
414	816	116	44	200	97	168	512	108	101	224	464	98	239	618	197	211	209
1,503	2,180	809	336	978	458	601	1,553	759	448	746	1,891	387	1,807	1,872	1,698	1,080	710
703	948	250	94	458	214	256	612	231	205	379	850	219	462	1,013	759	427	325
3,076	*5,076*	*1,325*	*525*	*1,885*	*875*	*1,198*	*3,227*	*1,220*	*885*	*1,598*	*3,635*	*809*	*2,771*	*4,140*	*2,931*	*1,994*	*1,494*
25,034	*29,970*	*13,090*	*4,424*	*11,565*	*6,583*	*7,268*	*11,771*	*16,714*	*9,533*	*10,693*	*20,534*	*6,656*	*14,608*	*23,295*	*8,332*	*14,272*	*8,347*
1,129	798	823	329	499	318	316	590	5,448	581	544	1,477	441	685	743	409	512	265
1,201	914	744	304	529	261	316	474	5,860	547	449	1,305	453	666	779	306	571	234
2,327	2,633	1,373	576	1,388	688	1,060	2,520	1,599	597	978	3,344	820	1,825	3,127	3,156	1,605	1,081
2,123	2,188	1,131	457	1,237	575	907	2,363	1,221	623	976	2,782	631	1,630	2,658	2,884	1,307	905
1,255	1,223	644	262	642	482	525	603	1,168	417	489	1,969	512	681	2,293	657	741	856
533	478	291	120	238	201	167	234	429	187	299	1,312	174	250	1,159	348	357	318
201	202	110	31	83	73	50	103	1,048	45	69	373	79	123	107	67	100	100
133	178	99	17	59	66	50	47	238	43	58	147	43	88	251	28	62	65
8,165	9,314	2,898	1,107	2,990	1,960	2,875	1,453	2,941	2,742	3,145	2,492	1,182	4,062	6,611	1,018	4,870	2,677
4,196	5,520	1,773	635	1,779	1,064	1,311	910	1,585	1,634	1,806	1,881	814	2,212	3,459	619	2,567	1,361
8,300	8,760	3,208	1,334	3,618	2,381	2,743	3,178	6,937	2,958	3,527	4,512	1,189	4,246	7,510	2,004	5,511	2,839
4,278	2,840	2,113	633	1,916	1,160	1,241	1,276	1,457	1,632	1,859	2,444	726	2,107	3,635	806	2,453	1,367
306	76	75	25	40	114	58	223	70	160	125	119	16	48	229	93	90	129
287	26	37	12	22	58	28	91	65	82	87	95	8	29	109	57	60	60
201	259	78	16	79	36	27	59	89	53	53	45	45	87	68	41	101	45
168	227	69	16	66	29	23	38	44	50	52	45	36	80	54	26	95	38
1,906	2,204	440	193	592	357	574	75	347	580	569	279	218	914	937	129	983	692
1,451	1,657	411	130	410	231	357	49	241	401	451	266	158	617	664	52	668	371
66	10	6	2	......	7	14	9	6	34	20	18	6	15	24	8	18	26
54	8	4	2	......	6	9	9	4	16	14	18	4	9	16	4	16	18
18,944	*20,623*	*6,705*	*2,677*	*7,319*	*4,855*	*6,291*	*4,997*	*10,390*	*6,527*	*7,439*	*7,465*	*2,656*	*9,372*	*15,379*	*3,293*	*11,573*	*6,408*
38,007	97,582	13,552	4,276	23,903	5,527	5,159	4,646	21,463	15,576	13,712	17,521	5,147	28,556	18,247	8,014	27,566	4,931
5,110	6,294	2,438	776	2,409	1,399	1,518	1,571	3,115	2,133	2,263	3,282	1,302	2,806	4,176	981	2,856	1,472
8,403	22,726	3,312	951	6,384	1,176	1,376	995	5,439	4,793	3,542	5,141	1,541	6,937	3,176	1,958	6,252	1,182
3,546	4,897	1,506	436	1,790	646	728	526	1,654	1,372	1,388	1,826	722	1,987	1,548	594	1,798	684
5,202	14,504	2,032	697	4,723	692	793	559	3,311	3,328	2,000	2,792	848	4,998	1,844	1,053	4,039	747
2,344	3,912	1,054	297	1,445	440	459	305	1,161	1,064	1,027	1,302	433	1,829	1,004	343	1,437	502
2,753	4,957	887	370	1,850	315	321	257	1,313	1,093	810	1,149	555	1,736	749	400	1,581	260
2,423	3,635	825	299	1,323	253	272	196	909	823	723	1,005	363	1,346	667	261	1,278	235
8,374	10,954	1,577	706	1,683	1,357	943	659	1,906	1,579	1,930	1,784	802	4,729	4,153	432	4,037	1,058
2,996	2,757	883	324	702	666	556	411	775	690	923	1,022	394	1,396	2,126	258	1,433	650
1,097	661	451	135	279	603	779	47	732	208	537	627	391	254	691	92	1,014	1,409
678	408	314	58	126	179	210	22	230	80	212	341	131	118	219	62	290	394
63,836	*151,384*	*21,811*	*7,045*	*38,822*	*9,670*	*9,371*	*7,163*	*34,164*	*26,577*	*22,531*	*29,014*	*9,284*	*47,210*	*28,770*	*11,949*	*44,489*	*9,587*
31,961	105,537	14,375	4,440	21,474	5,455	4,969	4,253	24,198	14,661	12,805	16,543	4,906	24,984	18,106	7,743	21,571	4,787
8,284	18,381	3,094	929	5,685	1,259	1,229	1,297	5,577	4,213	3,222	4,455	1,298	5,989	3,101	1,688	5,597	1,107
20,244	8,267	3,534	1,180	3,749	10,473	5,038	864	1,934	4,469	6,691	1,691	6,844	12,040	7,852	614	8,345	16,461
1,185	879	330	61	250	386	254	52	159	243	347	317	441	491	425	93	230	475
10,553	3,234	2,476	889	2,774	5,767	3,234	420	930	2,062	4,977	1,432	2,926	8,392	5,563	649	4,599	12,249
918	414	314	48	228	286	210	37	153	175	319	233	315	397	393	68	311	428
2,509	1,265	850	218	449	865	480	107	265	462	636	340	1,060	3,361	1,078	179	9,097	909
751	198	250	41	122	183	107	25	87	100	191	170	434	282	233	63	140	258
33,306	*12,766*	*6,860*	*2,287*	*6,972*	*17,105*	*8,752*	*1 391*	*3,129*	*6,993*	*12,304*	*3,463*	*10,830*	*23,793*	*14,493*	*1,442*	*22,041*	*29,619*
1,953	3,327	1,397	454	1,206	493	740	876	1,087	519	848	1,656	577	1,566	2,332	767	961	877
1,621	1,972	1,035	277	745	360	501	395	499	376	537	1,435	347	1,037	1,540	269	627	563
10,283	16,977	5,157	1,756	5,196	2,751	5,257	4,249	3,270	2,648	4,528	8,061	1,819	7,666	13,186	3,731	5,978	5,090
2,825	3,313	1,173	399	1,340	744	1,020	836	821	798	1,136	1,825	528	1,385	2,546	368	1,458	1,017
12,236	*20,304*	*6,554*	*2,210*	*6,402*	*3,244*	*5,997*	*5,125*	*4,357*	*3,167*	*5,376*	*9,717*	*2,396*	*9,232*	*15,518*	*4,498*	*6,939*	*5,967*
290,395	270,149	158,036	53,293	184,662	88,776	102,815	223,673	739,361	168,331	160,083	321,447	52,885	168,178	335,496	134,119	153,333	110,080
5,398	6,448	2,635	891	2,507	1,506	1,450	1,975	2,783	2,329	2,366	3,603	1,497	2,836	4,672	1,232	2,947	1,735
12,836	17,727	7,681	2,715	8,325	4,066	5,041	11,169	20,399	6,486	7,753	13,692	3,816	8,492	18,032	8,749	7,227	5,328
4,097	4,749	2,485	836	2,327	1,332	1,428	1,753	2,464	1,973	2,170	3,340	1,280	2,389	4,360	1,196	2,749	1,551
2,297	9,798	697	288	879	554	482	389	801	317	746	995	575	1,864	997	384	1,460	604
813	1,865	366	76	268	162	135	65	261	98	393	362	123	440	282	134	359	167
3,060	1,965	1,364	441	1,333	744	1,331	373,992	3,481	1,186	2,217	2,905	313	1,355	3,639	2,969	1,136	715
837	595	428	121	320	180	297	517	486	255	455	600	90	334	688	290	278	172
608	1,257	433	223	304	114	374	1,016	679	166	348	527	126	332	615	585	235	254
399	374	244	82	94	40	114	232	193	46	132	208	15	97	205	159	68	65
726,556	655,836	480,244	190,108	540,890	206,798	219,508	2,339,201	590,925	478,077	340,654	881,242	206,381	388,829	853,603	449,062	322,017	206,271
546,055	675,912	425,729	141,543	524,270	202,461	194,899	2,261,631	642,794	315,977	314,588	764,527	243,947	405,578	842,139	601,389	319,679	208,682
4,714	4,155	2,532	1,367	3,903	704	2,551	302	980	1,885	2,295	4,295	764	3,563	1,975	1,064	3,117	1,600
955	368	348	91	340	112	94	91	147	186	190	441	115	263	379	252	267	186

TABLE 20.— CENSUS TAKEN

	State	Albany	Allegany	Broome	Cattaraugus	Cayuga	Chautauqua	Chemung	Chenango	Clinton	Columbia
Crops											
Corn to be husked for grain, acres in 1916	341,931	8,284	1,844	1,455	3,127	14,721	6,646	2,084	1,785	4,896	11,605
Number who grew corn for grain in 1916	79,609	1,316	638	601	1,097	2,784	2,290	547	821	1,428	1,764
Corn to be husked for grain, expected acres in 1917	504,654	10,004	4,256	3,739	4,544	19,531	11,663	3,973	4,663	6,461	13,592
Number expecting to grow corn for grain in 1917	110,668	1,653	1,605	1,491	2,116	3,249	3,791	1,230	1,873	1,846	1,574
Corn for the silo, acres in 1916	365,990	2,687	11,045	4,897	11,452	8,428	10,713	4,028	9,442	6,317	3,157
Number who grew corn for the silo in 1916	57,079	462	1,812	1,033	1,878	1,095	2,130	578	1,732	1,235	380
Corn for the silo, expected acres in 1917	427,680	2,978	12,323	6,382	14,095	9,217	15,582	5,043	10,315	7,692	3,156
Number expecting to grow corn for the silo in 1917	62,077	496	2,035	1,196	2,015	1,208	2,392	683	1,855	1,366	389
Oats, acres in 1916	1,120,565	22,182	37,437	14,171	30,910	24,520	28,884	11,205	16,870	24,886	15,864
Number who grew oats in 1916	129,877	1,859	3,485	2,247	4,327	3,090	4,511	1,224	2,774	2,664	1,394
Oats, expected acres in 1917	1,274,454	22,746	42,880	15,760	34,025	34,642	34,318	12,780	18,076	26,581	18,726
Number expecting to grow oats in 1917	136,765	1,882	3,578	2,435	4,404	3,263	4,883	1,246	2,990	2,624	1,359
Barley, acres in 1916	95,189	699	3,942	325	1,781	11,286	1,385	761	420	1,599	298
Number who grew barley in 1916	20,995	137	989	100	622	1,601	446	183	163	529	44
Barley, expected acres in 1917	114,914	780	4,205	678	1,674	12,996	1,428	899	772	2,093	377
Number expecting to grow barley in 1917	24,795	150	961	148	402	1,754	524	202	256	596	61
Buckwheat, acres in 1916	263,667	9,493	11,479	5,988	8,635	14,432	8,915	7,919	3,692	4,587	3,385
Number who grew buckwheat in 1916	56,614	1,200	2,100	1,546	2,286	1,538	1,974	998	1,086	1,338	620
Buckwheat, expected acres in 1917	306,666	10,388	12,934	8,525	8,081	13,466	9,892	9,845	4,821	5,926	5,291
Number expecting to grow buckwheat in 1917	62,341	1,216	2,071	1,857	2,036	1,533	2,188	1,034	1,504	1,557	487
Winter wheat, acres in 1916	351,225	2,080	1,516	737	620	20,964	1,101	1,721	174	128	347
Number who grew winter wheat in 1916	38,068	299	394	218	204	2,167	338	377	85	40	90
Winter wheat, acres in 1917	395,901	2,205	2,269	775	949	23,838	1,613	2,251	455	155	575
Number growing winter wheat in 1917	43,037	362	621	318	327	2,372	515	416	183	40	115
Spring wheat, acres in 1916	12,536	239	154	123	155	398	372	114	79	965	105
Number who grew spring wheat in 1916	4,734	46	67	53	72	36	145	28	52	295	22
Spring wheat, expected acres in 1917	32,873	366	820	778	882	397	1,316	227	971	1,793	562
Number expecting to grow spring wheat in 1917	12,315	85	371	292	426	88	641	70	558	548	81
Rye, acres in 1916	118,176	10,833	468	634	190	755	224	2,155	190	569	15,122
Number who grew rye in 1916	17,276	1,014	106	175	59	123	97	382	63	132	839
Rye, acres in 1917	123,770	9,921	681	760	221	911	467	2,586	272	516	14,023
Number growing rye in 1917	19,351	968	163	249	88	165	162	414	88	113	852
Field beans, acres in 1916	198,309	635	3,700	279	920	2,948	646	626	172	2,637	360
Number who grew field beans in 1916	42,494	634	805	208	405	898	718	368	227	1,328	193
Field beans, expected acres in 1917	281,923	1,182	7,232	739	1,008	4,030	1,752	1,525	804	7,006	657
Number expecting to grow field beans in 1917	61,746	668	1,748	663	966	1,320	1,445	920	770	1,823	346
Alfalfa, acres in 1916	163,150	1,297	1,613	229	909	13,090	723	597	404	1,008	587
Number who grew alfalfa in 1916	23,909	272	389	103	331	1,762	314	125	161	142	137
Alfalfa, expected acres in 1917	184,466	1,602	1,901	679	1,203	15,368	1,014	889	413	1,154	779
Number expecting to grow alfalfa in 1917	27,155	305	429	136	385	1,856	358	131	201	178	93
Other hay, acres in 1916	4,140,489	72,916	136,386	82,489	110,261	87,029	92,800	38,760	139,672	78,714	55,271
Number who grew other hay in 1916	155,077	2,159	4,067	2,903	4,707	3,480	5,041	1,363	3,589	2,996	1,343
Other hay, expected acres in 1917	4,044,538	69,537	118,778	78,397	111,472	85,918	89,165	37,780	138,519	78,888	52,310
Number expecting to grow other hay in 1917	154,744	2,137	4,005	2,706	4,577	3,777	5,089	1,358	3,543	2,953	1,292
Cabbage, acres in 1916	41,668	1,409	156	738	211	1,033	342	86	702	228	387
Number who grew cabbage in 1916	21,450	495	170	305	304	565	415	94	480	149	185
Cabbage, expected acres in 1917	72,189	1,144	332	1,447	429	2,412	724	241	1,299	274	508
Number expecting to grow cabbage in 1917	32,877	618	355	593	579	1,179	822	186	1,029	224	252
Potatoes, acres in 1916	309,213	2,557	8,770	5,210	6,005	5,692	5,913	3,021	4,028	9,050	2,298
Number who grew potatoes in 1916	144,795	1,824	3,742	2,555	4,155	3,099	4,900	1,364	2,941	2,911	1,411
Potatoes, expected acres in 1917	384,823	3,414	11,944	7,044	7,538	7,570	7,684	3,969	5,974	11,331	3,902
Number expecting to grow potatoes in 1917	153,279	2,008	3,748	2,845	4,406	3,404	5,378	1,424	3,270	2,874	1,358
Canning factory crops, acres in 1916	44,661	247	10	86	236	821	2,508	8	9	19	63
Number who grew canning factory crops in 1916	10,982	87	4	42	91	206	641	7	20	16	19
Canning factory crops, expected acres in 1917	61,121	380	265	76	504	1,630	4,138	18	34	44	85
Number expecting to grow canning factory crops in 1917	13,818	119	85	60	156	420	853	15	27	37	26
Other vegetables and garden, acres in 1916	64,858	2,815	846	751	953	1,069	1,474	440	601	674	558
Number who grew other vegetables and garden in 1916	69,181	1,245	2,163	1,066	2,115	1,126	2,311	569	923	1,001	703
Other vegetables and garden, expected acres in 1917	77,717	3,376	860	1,103	1,202	1,267	1,833	548	710	864	706
Number expecting to grow other vegetables and garden in 1917	73,571	1,318	2,174	1,144	2,295	1,108	2,560	592	1,037	1,015	720
Other crops, acres in 1916	30,678	408	461	698	427	678	1,675	200	543	100	77
Number who grew other crops in 1916	9,375	128	190	239	175	210	515	140	196	50	41
Other crops, expected acres in 1917	36,298	429	423	578	478	895	1,397	491	596	245	127
Number expecting to grow other crops in 1917	10,582	125	220	259	188	338	580	145	168	55	79
Total acres of above crops in 1916	*7,662,305*	*138,781*	*219,827*	*118,749*	*176,792*	*207,864*	*164,321*	*73,725*	*178,783*	*136,377*	*109,484*
Total acres of above crops in 1917	*8,323,987*	*140,452*	*222,108*	*127,460*	*188,305*	*234,088*	*183,986*	*83,065*	*188,694*	*151,023*	*115,876*
Apples, acres	342,243	8,324	5,754	3,609	7,243	7,442	7,619	1,996	2,572	4,093	11,121
Number growing apples	110,220	1,907	3,101	2,015	3,422	2,942	3,789	964	2,046	1,753	1,469
Peaches, acres	50,050	217	26	53	43	180	438	75	......	......	551
Number growing peaches	13,094	146	25	146	24	267	311	92	......	......	267
Pears, acres	37,187	868	52	83	80	457	189	39	24	22	3,433
Number growing pears	17,724	171	164	229	92	383	267	77	38	44	671
Plums, acres	8,733	302	89	44	69	81	237	31	14	59	189
Number growing plums	8,533	369	150	168	65	184	242	58	36	90	163
Cherries, acres	12,959	163	222	66	96	82	635	47	10	55	1,008
Number growing cherries	10,346	194	132	203	72	204	502	50	29	67	430
Vineyard, acres	54,020	49	2	51	733	113	24,215	6	......	......	1,166
Number growing vineyards	8,034	101	4	95	94	120	1,764	20	......	......	251
Small fruit, acres	28,841	904	109	246	348	286	1,351	184	108	97	619
Number growing small fruit	17,825	428	195	333	252	479	1,892	159	123	81	376
Total acres of all fruits	*534,033*	*10,827*	*6,254*	*4,152*	*8,612*	*8,641*	*34,684*	*2,378*	*2,728*	*4,326*	*18,092*
Woods not pastured, acres	2,062,042	24,409	37,796	40,341	47,090	19,671	24,350	3,527	41,532	55,197	24,812
Number reporting woods not pastured	73,722	1,682	1,654	1,679	1,419	1,207	1,416	966	1,570	990	1,229
Woods pastured, acres	2,006,852	10,912	71,002	30,138	96,762	21,358	81,021	11,206	57,161	78,719	10,740
Number reporting woods pastured	92,331	956	3,152	1,749	3,169	1,709	3,857	730	2,477	2,090	617
Tillable pastures, acres	2,417,312	31,766	58,531	61,710	95,013	29,435	78,324	22,996	84,986	30,498	40,622
Number reporting tillable pastures	110,688	1,509	2,884	2,243	3,500	2,288	3,580	1,042	2,714	1,385	1,126
Other pastures not included above, acres	2,184,715	16,427	65,072	43,855	79,765	20,751	58,487	12,457	116,604	60,963	15,934
Number reporting other pastures	83,875	939	2,716	1,590	2,406	2,151	2,205	632	2,464	1,498	694

April 21, 1917 — (*Continued*)

Cortland	Delaware	Dutchess	Erie	Essex	Franklin	Fulton	Genesee	Greene	Hamilton	Herkimer	Jefferson	Lewis	Livingston	Madison	Monroe	Montgomery	Nassau
1,008	1,004	14,076	8,276	2,532	3,154	2,270	6,111	4,884	149	2,262	4,445	1,546	5,524	3,283	12,167	4,622	4,384
573	487	1,947	2,492	963	1,094	678	1,284	1,016	62	720	1,275	499	1,176	1,752	2,939	1,135	621
3,140	2,574	19,243	16,755	3,771	4,710	3,196	8,612	6,436	212	4,528	9,077	2,675	9,818	5,563	18,870	7,063	5,199
1,165	1,300	2,315	4,311	1,250	1,609	929	1,818	1,202	92	1,250	2,931	839	1,796	2,075	3,791	1,351	697
6,495	6,819	9,576	13,909	2,072	8,253	2,369	5,474	1,539	39	8,197	24,129	8,053	4,956	12,664	5,494	7,044	391
897	1,706	732	2,191	436	1,365	365	757	359	22	1,136	2,893	1,390	499	1,906	1,148	909	40
7,130	8,008	9,735	16,006	2,436	9,508	2,351	6,779	1,646	22	9,083	28,658	8,277	5,824	17,562	5,994	11,968	436
997	1,909	756	2,328	510	1,527	383	887	357	12	1,220	3,116	1,509	560	2,032	1,190	838	44
13,961	18,496	19,081	34,885	9,553	25,267	9,103	11,242	7,849	561	18,944	79,137	25,850	21,332	20,539	30,185	23,607	371
1,786	3,238	1,932	4,680	1,406	2,686	1,141	1,543	1,290	166	2,019	4,709	2,459	1,997	2,708	3,551	1,563	74
16,095	19,255	19,422	50,168	10,802	26,743	9,184	17,194	8,072	555	19,349	89,006	29,770	27,106	22,854	31,705	17,891	406
1,851	3,429	1,766	5,458	1,461	2,717	1,109	2,025	1,275	164	2,039	4,844	2,469	2,211	2,839	3,768	1,571	82
636	96	242	1,293	422	1,699	258	2,025	119	1	801	3,908	938	3,103	2,839	2,982	1,293	18
178	44	30	360	107	555	76	437	45	7	250	663	299	658	756	709	234	5
927	265	383	1,876	461	1,930	242	4,142	154	6	1,133	2,947	964	3,674	3,891	4,279	2,696	12
237	96	69	566	149	493	90	742	54	3	309	640	359	709	895	1,658	271	4
3,370	6,105	3,102	10,194	1,631	2,063	2,417	1,701	4,280	86	1,086	2,902	731	3,190	4,008	2,334	5,393	60
802	2,146	584	2,407	595	834	677	354	970	53	380	866	370	549	1,038	511	705	17
4,262	9,413	5,024	10,530	2,208	2,779	3,006	1,226	5,381	193	1,574	2,941	1,272	2,463	4,690	2,889	5,521	65
1,043	2,834	825	2,369	729	1,028	726	319	991	106	533	1,022	604	366	1,165	509	671	21
311	50	2,537	25,017	64	42	97	28,277	754	......	78	336	36	30,710	1,924	39,771	1,300	364
102	34	466	2,687	31	20	36	1,924	177	......	25	111	10	1,854	483	3,149	278	57
507	99	3,019	26,497	81	104	154	31,625	882	......	175	457	60	33,502	3,363	41,588	1,061	402
152	52	456	2,896	38	55	48	2,115	199	......	53	146	38	1,963	632	3,385	271	54
74	48	280	308	182	1,122	43	60	68	......	69	1,353	52	193	235	294	198	17
54	46	41	122	93	505	23	9	23	......	31	441	24	24	142	314	100	4
370	325	491	1,123	604	2,460	97	172	154	......	295	3,760	310	532	740	251	453	53
183	226	86	444	262	1,030	52	24	68	......	131	1,239	174	56	305	46	173	7
75	361	5,396	2,647	168	862	358	1,631	2,979	8	88	317	152	3,968	132	3,541	313	524
28	166	667	652	89	173	67	113	526	4	28	105	52	421	61	623	64	119
153	448	5,016	3,679	293	793	373	2,169	2,711	1	102	352	245	4,497	402	4,196	157	544
58	217	634	851	85	191	82	288	481	1	36	112	86	509	93	858	63	122
254	121	157	6,143	871	1,103	235	22,098	349	16	246	1,987	213	25,346	540	15,193	466	224
232	292	90	1,510	720	969	282	1,816	365	25	412	1,102	382	1,853	674	2,089	297	88
729	502	561	10,598	1,805	3,710	361	26,217	604	27	633	3,576	573	32,619	2,445	17,026	1,022	271
677	801	297	2,554	1,131	1,673	418	2,020	564	49	737	2,337	818	2,055	1,225	2,115	812	108
810	218	1,440	2,036	476	149	138	5,976	614	......	1,330	1,919	707	6,558	19,842	7,314	3,199	258
244	97	228	507	122	58	42	1,072	154	......	338	376	181	961	1,410	1,348	360	57
917	304	2,071	2,509	537	223	190	7,003	693	1	1,659	2,549	929	8,884	23,720	7,756	3,146	353
260	145	236	600	154	79	45	1,171	175	1	364	472	197	1,043	1,472	1,590	371	75
74,480	151,281	92,840	119,656	49,237	79,676	38,232	40,043	49,523	6,835	79,380	204,223	88,962	74,860	81,200	51,382	67,409	5,043
2,071	4,331	2,527	6,345	1,900	3,020	1,424	2,254	1,620	348	2,214	5,012	2,623	2,517	3,251	4,608	1,635	395
71,865	149,163	91,643	111,037	47,416	77,834	35,220	38,810	47,264	6,917	79,304	205,552	96,449	67,382	79,682	46,067	65,254	4,601
2,139	4,367	2,519	6,211	1,875	3,017	1,395	2,188	1,588	402	2,195	5,077	2,470	2,478	3,388	4,838	1,666	383
1,219	151	219	1,038	153	56	104	609	170	25	238	274	137	739	539	3,089	395	2,034
644	361	186	576	208	121	203	289	160	59	356	367	315	269	394	1,619	321	424
2,427	389	488	1,882	184	115	250	1,324	208	37	497	316	238	1,188	1,661	5,443	549	2,410
1,123	630	316	1,040	280	215	294	542	205	69	562	559	471	383	673	1,883	335	478
3,960	3,813	3,488	17,738	3,187	7,526	3,339	6,564	1,453	418	3,595	4,061	3,220	7,615	3,518	14,920	1,690	8,581
1,933	3,843	2,100	5,689	1,688	2,915	1,363	2,178	1,318	335	2,188	3,799	2,647	2,220	2,832	4,310	1,657	819
5,927	5,633	5,094	19,231	4,117	9,748	2,705	7,395	2,076	742	4,415	4,033	3,824	8,784	7,610	16,691	2,357	11,139
2,425	4,161	2,377	6,152	1,959	3,081	1,640	2,299	1,397	348	2,262	4,483	2,629	2,397	3,166	4,607	1,514	737
498	12	82	2,560	6	......	11	1,752	16	......	143	74	15	4,918	2,846	1,911	41	399
115	17	42	471	10	......	11	314	11	......	81	60	27	466	693	749	38	71
848	13	159	3,332	21	......	16	2,316	17	......	179	643	21	5,280	3,497	2,702	59	568
157	21	54	693	1[illegible]	......	34	397	12	......	65	251	37	482	671	855	48	96
443	985	1,193	3,672	55[illegible]	948	356	631	587	106	548	1,301	544	1,434	1,066	3,130	615	3,154
1,107	2,610	1,111	1,759	869	1,877	681	712	869	204	1,020	2,007	1,289	1,287	1,178	1,554	845	472
527	1,189	1,424	4,496	648	1,115	446	801	682	119	661	1,637	653	1,542	1,608	3,471	751	3,027
1,219	2,743	1,199	2,050	904	2,028	717	828	970	109	1,081	2,259	1,218	1,338	1,319	1,636	853	547
993	84	501	1,791	299	371	47	165	283	108	125	888	477	637	3,312	1,545	178	1,0[illegible]
305	44	105	620	66	121	33	47	100	26	92	106	191	36	804	515	62	126
954	80	727	2,086	252	399	97	384	294	102	161	1,082	491	654	4,187	1,770	173	1,358
336	46	177	698	55	134	48	108	99	2	100	149	91	44	581	488	65	163
108,587	*189,644*	*154,210*	*251,163*	*71,403*	*132,291*	*59,377*	*134,359*	*75,467*	*8,352*	*117,130*	*331,254*	*131,633*	*195,083*	*158,487*	*195,252*	*117,763*	*26,902*
116,778	*197,660*	*164,500*	*281,805*	*75,636*	*142,171*	*57,888*	*156,169*	*77,274*	*8,934*	*123,748*	*356,586*	*146,751*	*213,749*	*183,475*	*210,698*	*120,121*	*30,844*
2,384	5,362	13,132	10,390	2,308	1,216	900	7,147	6,947	536	1,877	1,512	553	4,610	3,394	17,826	2,390	608
1,516	3,158	2,186	4,140	1,072	1,545	603	1,886	1,444	113	1,180	1,138	504	1,884	1,702	3,888	1,334	219
29	3	953	288	......	......	7	171	342	......	......	......	......	341	5	8,507	6	185
5	18	428	111	......	......	5	130	167	......	......	......	......	223	15	1,761	21	116
29	115	1,045	891	17	......	14	934	1,794	......	39	......	......	181	76	3,701	101	59
59	333	348	454	33	......	66	371	571	......	94	......	......	124	72	1,561	173	68
33	250	146	347	20	1	13	109	93	......	51	......	......	35	39	847	87	14
140	333	138	150	35	5	45	70	127	......	98	......	......	76	84	572	187	19
63	215	211	271	32	4	15	70	119	1	41	......	......	102	185	1,443	72	17
142	275	118	125	59	7	43	63	121	1	87	......	......	117	71	840	141	22
105	24	282	4,089	5	8	2	10	24	1	3	......	......	187	33	752	42	8
101	68	135	689	11	9	13	15	36	1	8	......	......	51	37	321	69	20
139	163	355	1,874	80	142	92	154	219	6	239	179	67	234	1,046	2,469	141	373
235	337	294	629	116	169	124	169	152	7	160	265	88	211	262	824	154	78
2,782	*6,132*	*16,124*	*18,150*	*2,462*	*1,371*	*1,043*	*8,595*	*9,538*	*544*	*2,250*	*1,691*	*620*	*5,690*	*4,773*	*35,545*	*2,839*	*1,264*
18,139	142,215	54,681	17,459	64,916	35,847	26,368	9,989	37,406	18,978	20,596	24,300	50,564	20,883	17,580	12,133	11,134	9,683
888	2,937	1,801	1,394	954	928	736	901	869	237	909	1,328	863	1,086	986	1,576	901	342
22,945	70,435	24,480	54,295	81,097	54,394	19,519	15,736	20,969	8,566	29,471	79,621	75,661	24,570	25,212	11,591	9,029	898
1,584	2,753	1,178	3,299	1,495	1,907	865	1,210	1,059	265	1,609	3,442	1,983	1,502	2,181	1,396	902	60
43,070	136,766	93,108	48,671	20,553	33,476	13,055	15,477	23,816	4,019	55,048	102,624	60,675	42,383	59,186	21,974	25,610	521
1,586	3,630	2,341	3,305	887	1,773	798	1,250	1,107	198	1,766	4,228	1,912	1,829	2,818	2,252	1,315	243
47,187	114,538	42,945	35,894	29,758	87,268	12,994	12,308	31,338	2,501	39,555	131,135	66,559	14,936	65,333	15,298	10,284	1,188
1,488	2,842	1,492	4,137	858	2,098	586	916	952	84	1,224	3,644	1,322	936	1,899	1,653	672	92

TABLE 20.— CENSUS

	Niagara	Oneida	Onondaga	Ontario	Orange	Orleans	Oswego	Otsego	Putnam	Rensselaer	Rockland
Crops											
Corn to be husked for grain, acres in 1916	12,682	5,408	12,752	13,152	7,865	5,809	7,913	4,344	1,657	9,336	1,769
Number who grew corn for grain in 1916	2,522	2,126	2,851	2,431	1,618	1,359	2,446	1,525	332	1,779	351
Corn to be husked for grain, expected acres in 1917	19,146	9,235	18,003	19,162	12,332	9,183	13,880	8,844	2,248	10,039	2,503
Number expecting to grow corn for grain in 1917	3,346	3,339	3,672	3,083	2,024	1,916	4,519	2,605	390	1,963	434
Corn for the silo, acres in 1916	3,694	16,806	12,630	3,047	4,369	2,525	12,581	11,430	1,728	4,285	378
Number who grew corn for the silo in 1916	692	2,744	1,551	425	483	495	1,907	2,301	136	626	50
Corn for the silo, expected acres in 1917	4,633	18,454	13,973	3,110	5,357	3,461	15,159	12,462	1,780	3,579	510
Number expecting to grow corn for the silo in 1917	835	2,818	1,569	371	537	593	2,479	2,375	147	626	61
Oats, acres in 1916	19,865	27,882	30,717	26,070	6,281	11,515	23,964	30,348	1,512	15,505	676
Number who grew oats in 1916	2,620	4,487	3,540	2,780	1,193	1,568	3,673	3,664	250	1,937	184
Oats, expected acres in 1917	28,879	29,330	34,000	30,550	7,874	15,304	25,718	31,931	1,444	15,073	848
Number expecting to grow oats in 1917	3,229	4,425	3,568	2,590	1,266	1,864	3,774	3,676	246	1,878	198
Barley, acres in 1916	1,905	1,706	6,602	6,178	16	2,455	441	1,539	4	192	13
Number who grew barley in 1916	428	504	1,198	1,092	5	584	179	429	3	71	6
Barley, expected acres in 1917	3,750	1,274	7,746	9,093	30	4,310	651	2,017	40	359	24
Number expecting to grow barley in 1917	710	571	1,308	1,384	18	820	229	564	6	87	11
Buckwheat, acres in 1916	2,455	2,860	4,463	2,722	1,059	1,040	5,632	8,467	196	3,951	140
Number who grew buckwheat in 1916	659	1,035	1,129	552	264	264	2,177	2,204	62	943	60
Buckwheat, expected acres in 1917	2,680	4,004	5,185	3,343	1,528	1,436	8,076	9,624	278	4,263	290
Number expecting to grow buckwheat in 1917	647	1,424	1,030	564	370	294	2,180	2,442	86	975	98
Winter wheat, acres in 1916	26,627	1,373	10,175	29,194	2,075	23,402	1,204	552	42	197	90
Number who grew winter wheat in 1916	2,638	395	1,474	2,468	428	1,819	358	280	15	70	41
Winter wheat, acres in 1917	28,494	1,863	12,897	32,697	2,670	25,089	1,626	924	47	233	134
Number growing winter wheat in 1917	2,761	538	1,748	2,631	566	1,774	466	256	19	68	47
Spring wheat, acres in 1916	181	149	319	446	214	158	104	290	24	170	26
Number who grew spring wheat in 1916	17	93	101	54	36	8	59	200	8	38	13
Spring wheat, expected acres in 1917	715	543	714	658	203	91	410	861	47	299	54
Number expecting to grow spring wheat in 1917	32	305	217	98	65	11	200	572	13	70	17
Rye, acres in 1916	1,372	623	481	2,473	2,331	1,021	1,184	322	290	13,689	421
Number who grew rye in 1916	278	141	166	342	487	156	297	125	79	1,079	148
Rye, acres in 1917	1,804	785	793	3,260	2,288	1,231	1,581	370	166	12,738	580
Number growing rye in 1917	451	168	175	464	466	200	385	155	55	1,078	170
Field beans, acres in 1916	7,325	850	2,282	13,970	14	14,393	1,236	515	41	1,041	23
Number who grew field beans in 1916	1,400	874	1,221	1,540	3	1,454	934	823	35	563	29
Field beans, expected acres in 1917	7,282	1,823	3,416	18,210	4	15,141	2,530	1,520	46	1,235	72
Number expecting to grow field beans in 1917	1,628	1,563	1,631	1,979	4	1,477	1,099	526	54	741	65
Alfalfa, acres in 1916	1,070	7,317	38,279	11,594	1,296	1,770	765	1,515	123	415	91
Number who grew alfalfa in 1916	264	1,008	2,696	1,674	283	422	206	319	38	156	18
Alfalfa, expecting acres in 1917	1,203	7,888	38,710	11,901	1,762	2,044	920	1,850	128	436	118
Number expecting to grow alfalfa in 1917	620	1,071	2,695	2,808	249	430	292	410	30	163	21
Other hay, acres in 1916	61,303	146,927	74,209	61,598	77,283	36,492	79,731	144,142	15,330	62,855	4,347
Number who grew other hay in 1916	3,229	5,336	3,767	2,987	2,192	2,050	4,523	4,295	457	2,263	509
Other hay, expected acres in 1917	56,727	146,615	73,076	62,362	77,323	33,234	79,868	137,882	15,753	58,311	4,422
Number expecting to grow other hay in 1917	3,292	5,366	3,790	3,027	2,193	2,073	4,466	4,273	461	2,151	476
Cabbage, acres in 1916	2,113	891	4,147	4,580	280	1,418	485	837	39	372	125
Number who grew cabbage in 1916	862	677	1,508	963	195	395	451	419	47	399	152
Cabbage, expected acres in 1917	4,407	1,270	6,312	8,927	367	2,627	1,137	1,075	84	404	250
Number expecting to grow cabbage in 1917	1,301	1,026	2,091	1,541	267	650	996	840	69	408	199
Potatoes, acres in 1916	5,500	7,768	10,346	9,284	3,666	3,718	5,977	7,581	832	6,044	639
Number who grew potatoes in 1916	3,342	4,896	4,133	2,929	2,066	1,986	4,169	3,821	489	2,143	503
Potatoes, expected acres in 1917	6,300	10,260	13,041	12,288	3,899	3,940	6,604	9,746	1,099	6,800	929
Number expecting to grow potatoes in 1917	3,509	5,255	4,569	3,263	2,529	2,100	4,436	3,961	513	2,173	544
Canning factory crops, acres in 1916	2,357	6,003	1,064	2,167	......	3,258	1,981	325	36	......	14
Number who grew canning factory crops in 1916	654	1,136	325	463	......	681	669	127	5	......	11
Canning factory crops, expected acres in 1917	4,419	6,658	1,464	2,918	......	5,499	2,451	759	34	......	21
Number expecting to grow canning factory crops in 1917	1,139	1,256	385	590	......	928	783	205	3	......	10
Other vegetables and garden, acres in 1916	1,713	2,034	2,265	1,339	4,348	944	1,312	1,063	184	984	493
Number who grew other vegetables and garden in 1916	1,423	2,113	2,016	1,505	1,409	777	1,722	1,801	264	1,177	349
Other vegetables and garden, expected acres in 1917	2,506	2,355	2,941	1,308	4,945	1,649	1,947	1,140	235	1,270	434
Number expecting to grow other vegetables and garden in 1917	1,615	2,311	2,043	1,140	1,416	969	2,000	1,974	287	1,188	370
Other crops, acres in 1916	429	1,956	1,703	853	73	38	476	2,152	13	......	110
Number who grew other crops in 1916	173	412	544	219	23	9	243	440	7	......	47
Other crops, expected acres in 1917	444	1,967	2,202	844	90	54	722	2,317	16	170	145
Number expecting to grow other crops in 1917	211	424	618	253	31	26	280	559	9	97	52
Total acres of above crops { in 1916	*150,591*	*230,553*	*212,434*	*188,667*	*111,170*	*109,956*	*144,986*	*215,422*	*22,051*	*119,036*	*9,355*
Total acres of above crops { in 1917	*173,389*	*244,324*	*234,473*	*220,631*	*120,672*	*124,298*	*163,280*	*223,322*	*23,445*	*115,209*	*11,334*
Apples, acres	23,345	5,025	6,489	13,494	5,057	19,626	6,885	4,157	1,550	4,659	1,752
Number growing apples	3,404	2,830	3,025	3,080	1,787	2,334	2,831	2,875	485	1,651	490
Peaches, acres	14,051	......	172	1,144	2,392	6,546	109	5	148	85	819
Number growing peaches	1,952	......	170	507	599	1,080	76	6	108	77	301
Pears, acres	6,523	90	280	1,279	671	4,203	1,663	142	39	399	222
Number growing pears	2,320	94	266	606	300	1,390	777	165	42	398	158
Plums, acres	2,178	53	132	566	88	293	53	80	9	118	61
Number growing plums	1,265	102	130	294	147	291	77	233	13	221	94
Cherries, acres	1,678	53	605	773	124	417	232	86	11	122	54
Number growing cherries	1,338	68	278	361	158	468	194	140	16	246	101
Vineyard, acres	1,795	19	161	1,869	605	169	38	22	5	136	24
Number growing vineyards	711	19	89	347	114	41	32	13	8	71	62
Small fruit, acres	1,333	380	529	1,595	837	721	847	514	36	466	214
Number growing small fruit	629	314	514	521	273	333	608	305	44	394	165
Total acres of all fruits	*50,908*	*5,820*	*8,368*	*20,720*	*9,774*	*31,975*	*9,827*	*5,008*	*1,798*	*5,985*	*3,146*
Woods not pastured, acres	7,840	54,881	19,309	24,293	30,023	8,064	37,859	65,801	20,481	34,244	9,706
Number reporting woods not pastured	1,028	1,755	1,839	1,641	1,100	1,006	1,527	2,597	360	1,635	397
Woods pastured, acres	19,503	62,784	20,077	20,413	21,590	9,214	56,183	44,662	7,911	22,097	3,913
Number reporting woods pastured	1,114	3,511	1,841	1,682	1,255	855	3,088	2,690	302	1,412	246
Tillable pastures, acres	19,245	105,004	47,711	24,961	54,784	13,599	64,233	96,264	8,341	32,001	3,946
Number reporting tillable pastures	1,932	4,169	2,710	1,964	1,634	1,318	3,328	3,492	337	1,400	311
Other pastures not included above, acres	8,407	98,541	23,444	19,076	34,374	9,879	32,976	78,095	12,376	18,835	1,861
Number reporting other pastures	914	3,158	1,639	1,313	1,193	749	2,312	2,726	328	972	115

Taken April 21, 1917 — (*Continued*)

Steuben	St. Lawrence	Saratoga	Schenectady	Schoharie	Schuyler	Seneca	Suffolk	Sullivan	Tioga	Tompkins	Ulster	Warren	Washington	Wayne	Westchester	Wyoming	Yates
7,159	10,524	9,568	2,244	2,876	3,021	7,189	13,285	3,082	1,953	4,839	10,625	2,236	14,774	17,590	2,487	1,315	6,333
1,962	2,623	1,794	458	836	672	1,207	1,631	1,282	470	1,164	2,415	831	2,329	4,403	621	525	1,047
10,241	16,281	11,999	3,201	4,820	4,306	9,520	14,889	4,961	4,050	7,298	14,094	3,397	18,104	23,714	3,786	3,021	8,529
3,045	3,580	2,032	591	1,276	844	1,307	1,646	1,323	1,287	1,584	2,611	1,007	2,668	4,287	748	1,067	1,325
10,324	24,214	3,218	1,918	5,820	1,230	1,185	1,162	2,846	6,302	4,251	2,849	1,234	8,799	6,103	2,231	8,620	572
1,902	3,255	599	361	1,021	221	158	160	791	792	616	622	288	1,180	872	202	1,454	89
12,576	28,652	4,457	2,142	6,618	1,573	1,065	1,273	3,247	6,755	5,069	2,935	1,437	9,478	6,987	2,053	10,018	661
2,221	3,469	610	337	1,126	270	149	171	815	1,008	699	444	299	1,305	1,028	195	1,596	114
58,779	52,171	15,384	10,392	22,319	10,712	11,569	2,038	8,769	15,233	17,672	12,163	2,256	24,854	28,447	2,113	21,640	12,827
5,263	5,515	1,799	700	2,100	1,174	1,123	568	2,434	1,858	1,907	2,007	587	2,386	3,989	432	2,349	1,237
62,522	70,682	15,156	8,816	24,392	13,098	15,996	2,374	11,029	17,427	20,001	11,899	2,313	24,510	31,444	2,339	28,423	14,971
5,711	6,077	1,777	695	2,101	1,258	1,197	939	2,335	2,097	1,942	1,971	670	2,466	4,054	734	2,880	1,405
6,437	2,802	252	293	1,108	1,794	5,598	108	26	383	2,583	124	44	260	2,860	43	2,009	2,245
1,630	746	51	67	219	351	697	25	20	132	582	46	23	79	717	12	496	376
6,544	3,104	199	355	1,304	1,965	3,119	165	286	463	2,814	157	92	589	3,751	40	2,329	2,460
1,644	791	67	75	242	361	517	43	49	226	535	64	33	95	932	21	593	401
19,185	2,990	4,325	3,261	11,131	5,577	5,549	226	3,122	10,789	8,619	5,084	1,263	3,071	4,082	244	6,500	2,486
3,242	1,285	1,124	489	1,629	759	603	60	1,401	1,614	1,216	1,354	557	692	1,090	93	1,148	365
20,627	3,605	4,646	3,480	11,426	7,398	5,876	196	5,827	14,259	10,131	5,593	2,061	3,374	4,968	541	4,372	2,973
3,415	1,372	1,232	480	1,649	805	566	97	1,855	1,728	1,212	2,552	752	740	1,079	166	836	351
8,923	184	498	131	743	4,400	13,518	3,616	141	1,516	7,634	2,491	159	276	23,922	415	14,330	12,341
1,981	64	107	45	182	662	1,090	625	44	443	1,124	444	14	80	3,090	99	1,280	1,052
10,831	710	598	159	900	5,283	19,013	3,308	168	1,863	9,043	2,971	56	314	23,994	472	16,210	14,673
2,694	168	132	46	213	746	1,204	631	52	516	1,262	467	16	79	3,359	106	1,472	1,178
477	1,122	201	143	120	63	106	49	44	62	130	203	36	121	96	26	63	93
190	634	45	45	44	10	9	26	17	27	44	70	12	48	17	11	28	18
1,023	3,493	317	260	392	131	244	136	134	194	254	316	124	268	93	98	271	228
375	1,525	77	79	161	34	123	28	31	107	72	107	42	102	21	27	102	36
4,735	680	5,582	2,614	2,488	1,686	901	1,437	1,989	1,104	677	5,356	432	4,570	1,423	776	906	1,953
845	228	668	263	317	245	103	467	701	237	195	1,092	101	601	327	220	173	247
5,890	702	4,659	2,668	2,056	2,404	1,182	1,469	2,063	1,401	976	5,266	346	4,113	2,105	902	1,116	2,367
1,038	262	681	264	268	327	133	466	732	330	192	960	120	524	452	225	245	336
4,514	2,058	457	218	620	6,534	4,918	608	144	266	3,047	344	258	1,068	12,449	69	21,308	9,254
1,514	1,514	560	234	718	888	609	304	96	227	649	394	510	675	2,578	50	2,054	1,062
8,328	5,367	937	520	1,107	11,126	7,407	725	265	974	5,320	684	493	1,561	15,144	192	29,600	11,680
2,562	2,227	846	374	983	1,122	723	364	154	616	1,056	589	618	916	2,972	119	2,439	1,239
2,872	1,606	345	151	2,047	761	1,815	688	175	334	2,666	751	95	663	5,274	378	2,136	2,717
489	266	97	43	411	185	341	211	41	105	482	201	36	169	1,268	64	605	520
2,306	2,101	797	118	2,245	830	1,886	1,186	245	439	2,967	1,052	114	974	5,930	886	2,359	2,625
522	261	102	38	416	190	359	215	49	120	500	205	42	218	1,432	78	584	513
166,308	162,667	59,345	30,330	71,906	42,723	40,721	9,414	72,677	59,476	58,464	55,920	27,246	84,676	56,249	23,202	70,345	36,038
5,205	5,645	2,092	781	2,388	1,415	1,320	1,075	3,204	2,183	2,073	2,901	1,303	2,634	4,170	1,003	2,964	1,370
164,870	163,276	54,603	28,139	85,656	37,776	36,264	8,318	80,661	57,005	55,130	55,124	31,301	83,067	52,628	25,720	63,678	33,525
5,501	5,497	2,049	757	2,335	1,375	1,347	1,026	3,136	2,199	2,038	2,767	1,371	2,515	4,144	1,018	3,079	1,389
2,135	428	434	202	213	22	382	1,119	133	118	335	962	91	63	2,027	557	312	367
840	644	369	128	175	23	142	386	47	71	213	544	278	144	858	178	192	116
2,864	714	678	290	206	54	725	2,558	221	246	748	1,183	161	140	4,351	454	532	788
1,063	517	526	190	222	48	196	512	92	168	434	732	309	195	1,598	272	309	208
18,160	6,682	3,828	1,018	3,969	1,835	1,578	15,188	5,679	3,891	3,393	4,825	1,676	8,357	7,137	1,539	6,065	1,788
4,373	6,455	2,378	753	2,099	1,137	1,040	1,343	2,430	1,849	1,837	2,668	1,587	2,606	4,103	862	2,784	1,278
22,472	7,720	6,324	1,406	4,293	2,532	1,975	17,863	4,335	5,619	2,691	5,581	2,419	11,723	8,968	2,508	7,259	2,338
4,043	6,228	2,272	775	2,187	1,224	1,182	1,554	2,602	2,066	2,012	2,503	1,399	2,650	4,222	986	2,835	1,338
1,649	214	50	52	36	43	718	300	15	6	28	450	......	7	4,130	108	121	238
423	264	41	23	15	15	132	116	13	4	19	106	......	23	1,299	17	23	69
1,794	260	77	92	56	53	987	1,071	16	13	130	576	......	43	4,438	58	167	222
443	270	53	24	21	19	172	118	14	9	52	113	......	22	1,381	25	20	77
940	943	1,009	754	595	250	342	3,316	1,414	367	559	1,514	633	488	1,773	1,034	502	302
1,875	2,357	1,216	435	1,308	482	396	606	1,226	705	662	1,970	904	961	2,306	770	1,192	581
1,190	1,147	1,253	961	755	309	366	3,925	1,550	465	611	1,623	701	584	2,036	1,326	571	348
1,784	2,461	1,251	439	1,216	513	390	1,354	1,294	760	684	2,262	954	968	2,187	805	1,344	611
203	163	14	143	616	76	14	81	27	61	177	92	57	133	2,550	179	197	36
92	160	7	30	84	35	/ 8	19	15	11	68	36	35	87	1,139	70	77	2
295	239	16	93	488	98	28	107	20	78	248	169	83	155	3,743	266	217	69
165	246	11	23	63	39	12	22	12	19	85	39	35	91	1,456	100	69	3
312,800	*269,448*	*104,610*	*53,864*	*126,607*	*80,727*	*96,103*	*52,635*	*100,283*	*101,861*	*115,074*	*103,753*	*37,716*	*152,180*	*176,112*	*35,401*	*156,369*	*89,590*
334,373	*308,053*	*106,716*	*52 700*	*146,714*	*88,936*	*105,653*	*59,563*	*115,028*	*111,251*	*123,431*	*109,223*	*45,098*	*158,997*	*194,294*	*41,641*	*170,143*	*98,457*
9,288	2,113	4,800	1,558	4,282	2,677	4,306	1,290	3,985	2,340	3,617	8,858	2,879	3,320	34.935	4,792	6,831	5,468
3,973	2,502	1,643	589	1,927	1,073	1,048	504	1,767	1,374	1,781	2,489	917	1,529	4,730	965	2,318	1,379
217	......	71	32	7	770	1,121	931	54	65	403	2,646	......	29	4,361	530	93	829
240	......	52	15	15	168	207	284	26	48	187	808	......	13	1,045	287	64	391
255	1	200	97	48	70	457	196	54	74	162	1,861	4	62	3,015	181	338	353
280	2	269	111	62	75	228	189	31	47	109	830	11	120	1,751	202	206	222
290	4	161	92	56	78	103	196	16	44	37	231	22	52	298	48	63	111
233	6	293	82	82	51	60	115	11	28	41	328	41	104	308	67	96	116
198	6	165	68	59	122	245	92	11	24	76	392	21	90	1,744	47	58	141
186	12	258	75	53	84	94	99	5	25	65	433	39	127	1,011	87	84	126
2,518	27	52	13	2	1,900	1,059	31	14	4	111	3,872	8	15	180	36	22	7,403
305	15	74	19	2	176	78	86	4	3	35	761	10	24	98	65	36	703
414	69	317	197	201	328	171	179	180	160	288	2,857	71	143	1,830	715	162	863
515	135	364	125	151	138	93	286	89	143	171	805	105	185	1,134	154	167	373
13,180	*2,220*	*5,766*	*2,057*	*4,655*	*5,946*	*7,462*	*2,916*	*4,314*	*2,711*	*4,694*	*20,717*	*3,005*	*3,711*	*46,363*	*6,349*	*7,567*	*15,168*
74,590	43,135	33,667	7,710	39,134	16,839	6,006	28,889	283,393	34,765	22,970	94,559	54,821	41,075	19,329	20,176	5,063	11,824
3,303	1,290	1,484	590	1,819	983	498	1,042	2,058	1,523	1,257	2,325	933	1,604	2,081	764	989	846
61,555	106,137	27,494	5,813	19,369	7,475	7,431	2,863	70,381	15,541	12,849	34,662	146,993	33,679	13,853	8,589	36,455	9,858
3,560	3,561	1,347	442	1,391	669	653	184	2,043	1,153	1,074	1,647	1,066	1,360	1,594	459	2,145	791
71,010	85,922	26,121	8,893	45,061	18,503	8,000	10,425	53,002	43,191	24,903	30,360	19,091	68,281	29,028	19,067	38,172	14,277
5,331	3,423	1,428	569	2,236	986	686	1,067	2,420	1,784	1,507	1,931	......	2,113	3,693	467	1,996	947
44,789	201,199	20,626	7,061	29,985	8,498	4,970	2,743	87,545	25,245	18,527	24,361	17,687	30,722	15,632	14,639	34,293	6,995
5,699	3,569	1,067	399	1,762	570	389	233	1,685	1,163	1,112	1,276	......	1,131	1,479	562	1,586	514

TABLE 20.— CENSUS TAKEN

	State	Albany	Alle-gany	Broome	Cattar-augus	Cayuga	Chautau-qua	Che-mung	Che-nango	Clinton	Colum-bia
Lime and fertilizers											
Tons of fertilizer used in 1916	296,340	6,585	4,693	4,511	4,827	7,342	5,649	1,165	4,129	3,604	3,047
Tons of fertilizer expected to be used in 1917	345,256	7,699	6,632	3,746	5,800	8,400	9,215	1,424	4,721	4,730	3,913
Tons of lime used in 1916	165,388	1,616	6,694	5,974	9,852	1,948	6,223	1,793	5,704	413	1,052
Tons of lime expected to be used in 1917	181,018	1,514	8,827	9,922	9,893	3,102	6,814	2,343	6,539	556	1,580
Tons of acid phosphate wanted	5,443	109	152	39	......	37	....	135	40	......	....
Tons of other fertilizer wanted	21,268	8	404	41	264	149	270	......	157	283	108
Spray materials wanted											
Pounds of paris green	70,527	......	1,178	356	......	407	206	51	316	4,349	....
Pounds of lead arsenate	193,599	2,203	180	675	500	4,476	3,494	452	171	3,279	1,784
Pounds of copper sulphate	141,356	63	3,830	373	900	873	3,114	158	1,483	21	889
Pounds of other poisons	97,706	80	......	345	......	......	577	99	1,607	......	761
Gallons of lime sulphur	162,637	778	......	314	......	2,076	1,459	368	794	......	828
Tons of hay on hand above amount necessary to carry livestock until new hay comes	776,936	20,901	25,181	13,174	23,983	15,585	17,451	4,886	25,361	5,310	21,821
Number reporting difficulty in getting supplies delivered by the railroads	6,466	59	179	82	209	131	522	27	89	65	74
Number reporting difficulty in getting necessary machinery	5,149	51	150	207	152	103	149	84	93	147	67
Bushels of seed wanted and for sale											
Alfalfa wanted	13,286	139	268	66	208	419	181	194	76	86	140
Alfalfa for sale	1,831	5	......	21	......	147	20	......	28	......	....
Potatoes wanted	401,370	4,883	13,672	6,989	14,165	6,218	11,525	3,478	6,185	7,963	3,800
Potatoes for sale	235,945	317	7,465	1,739	2,370	5,739	2,824	1,256	2,818	17,560	1,275
Field beans wanted	55,497	277	2,202	361	684	1,040	651	483	659	960	334
Field beans for sale	63,947	101	1,003	28	32	798	156	123	108	1,199	20
Buckwheat wanted	93,861	2,839	4,704	2,832	4,183	2,916	3,957	2,440	1,658	1,347	1,824
Buckwheat for sale	56,311	2,136	2,018	1,235	1,852	2,105	2,281	877	739	1,615	971
Corn wanted	135,131	1,417	4,934	1,713	5,192	3,785	4,489	5,592	2,650	2,516	1,301
Corn for sale	52,580	786	195	180	325	1,832	775	161	107	677	3,848
Spring wheat wanted	29,195	324	876	536	1,064	519	1,107	308	839	976	319
Spring wheat for sale	12,917	20	16	26	25	750	126	20	17	405	6
Number of live stock wanted and for sale											
Dairy cows wanted	42,043	453	1,061	732	868	920	1,692	484	1,501	636	532
Dairy cows for sale	50,080	401	1,085	1,008	1,926	959	1,810	183	1,813	557	499
Heifer calves wanted	13,286	137	1,463	375	584	268	541	383	538	299	311
Heifer calves for sale	16,516	147	669	172	435	448	384	62	391	819	159
Breeding ewes wanted	27,147	351	752	698	322	401	244	196	945	248	600
Breeding ewes for sale	9,096	159	270	40	33	120	338	35	147	294	522
Work horses wanted	9,543	162	199	157	284	291	267	104	194	139	175
Work horses for sale	17,593	205	669	270	640	411	725	152	311	459	193
Brood sows wanted	2,825	26	28	46	95	108	81	30	33	25	92
Brood sows for sale	4,576	24	81	42	105	103	100	26	66	59	95
Pigs wanted	50,331	853	1,497	1,028	1,618	1,116	1,681	316	831	1,135	544
Pigs for sale	64,188	1,271	1,197	509	1,259	2,073	1,477	290	985	1,059	725

April 21, 1917 — (*Concluded*)

Cortland	Delaware	Dutchess	Erie	Essex	Franklin	Fulton	Genesee	Greene	Hamilton	Herkimer	Jefferson	Lewis	Livingston	Madison	Monroe	Montgomery	Nassau
2,608	3,960	4,069	11,382	1,518	5,054	1,488	7,625	2,181	205	1,943	4,100	4,197	6,255	4,352	13,872	2,724	16,371
3,975	4,304	5,393	12,510	1,935	11,659	1,696	6,912	2,571	242	2,118	4,759	3,183	7,307	5,176	16,250	2,121	19,348
5,571	7,718	5,084	4,851	264	6,951	336	1,252	344	5	1,276	1,486	1,438	1,974	2,176	3,584	696	2,305
7,006	8,646	5,738	3,932	435	1,588	401	1,289	633	5	1,578	1,814	1,787	2,270	2,744	3,303	497	2,278
....	196	99	18	......	210	......	32	42	5	3	70	187	49	442	......	40	....
20	506	254	653	73	292	94	130	30	......	......	215	......	144	241	975	97	646
394	623	....	585	679	9,342	539	196	55	61	4,721	736	2,170	326	635	23,891	106	1,893
171	18	1,592	2,837	742	1,520	2,240	4,618	1,847	......	50	668	......	1,502	340	3,891	1,297	7,692
209	90	526	....	45	3,057	88	1,008	......	32	......	1,342	63	2,935	591	13,481	243	10,403
1,628	5,953	....	....	......	5,329	269	315	430	5	......	1,849	557	1,350	2,215	975	228	200
458	......	1,567	3,783	......	......	......	2,298	2,113	......	......	302	......	162	80	31,329	155	....
10,156	32,608	18,641	19,677	8,253	8,739	9,817	5,240	11,719	624	16,540	49,766	8,638	12,490	22,870	7,923	20,055	763
324	159	215	198	32	186	35	64	85	4	32	234	79	92	168	120	60	46
2	184	106	157	75	201	50	69	73	12	84	161	79	61	89	113	70	11
103	120	298	441	43	184	17	243	80	......	500	286	154	353	633	421	161	25
35	......	15	130	......	......	2	86	43	......	12	209	9	3	36	57	31	15
5,435	8,969	5,851	19,035	6,601	10,365	2,402	7,038	2,759	112	5,820	18,939	6,853	7,381	6,697	15,359	2,524	1,695
4,387	5,548	1,368	15,564	2,190	26,021	1,126	4,830	1,589	138	1,687	1,117	2,242	5,662	4,012	13,473	814	2,136
439	257	427	2,275	338	500	144	3,163	193	3	207	1,267	212	5,575	447	2,825	228	37
126	12	132	1,621	180	7	18	7,937	77	4	54	564	26	8,939	331	3,155	108	4
1,245	3,244	2,284	3,710	784	970	964	673	1,763	17	741	1,155	639	608	1,899	961	1,231	60
1,176	2,050	1,935	1,329	295	708	175	320	1,162	3	138	496	84	663	639	271	928	10
1,355	3,881	2,569	5,249	673	2,998	820	1,322	968	2	2,633	6,668	2,343	1,772	3,093	2,388	1,611	502
45	538	5,587	362	451	737	152	221	985	......	106	1,009	50	919	327	2,878	574	1,702
240	554	480	1,125	422	1,794	201	129	281	......	602	2,094	528	137	771	429	502	....
....	10	104	174	68	966	......	31	167	......	1	143	6	1,525	268	2,947	204	....
1,024	2,574	1,135	1,105	241	808	298	356	631	39	832	995	625	505	1,263	588	314	65
1,318	2,479	1,311	1,548	651	1,144	272	407	749	32	791	1,560	989	666	2,206	649	265	207
452	866	443	338	124	634	187	120	286	8	360	389	240	231	598	288	152	36
343	417	283	393	177	1,178	74	145	194	16	129	569	280	300	598	194	69	20
91	534	773	691	288	108	60	768	545	90	212	187	136	2,097	364	460	27	10
42	117	152	31	270	101	14	375	153	58	47	95	27	604	16	288	42	34
87	267	253	379	72	182	101	130	142	14	175	203	107	139	142	318	112	60
230	435	211	691	261	615	135	242	128	32	238	622	295	406	392	354	136	29
48	48	87	91	25	84	33	48	51	1	45	100	35	54	43	95	48	6
59	86	105	72	35	153	11	134	37	2	26	187	65	60	500	172	56	13
525	1,668	1,007	2,474	640	957	534	682	820	38	918	2,016	1,052	676	939	1,187	569	192
346	2,281	2,075	2,349	603	2,261	363	1,231	1,034	17	551	2,267	1,109	1,422	785	1,832	595	87

TABLE 20.— CENSUS TAKEN

	Niagara	Oneida	Onondaga	Ontario	Orange	Orleans	Oswego	Otsego	Putnam	Rensselaer	Rockland
Lime and fertilizers											
Tons of fertilizer used in 1916	7,344	7,931	9,692	7,606	7,104	6,154	5,227	6,029	748	3,663	1,410
Tons of fertilizer expected to be used in 1917	8,777	7,889	11,892	8,878	10,126	7,120	6,451	6,246	1,639	4,018	1,625
Tons of lime used in 1916	2,248	6,169	2,189	937	3,834	2,218	5,377	5,146	429	1,327	456
Tons of lime expected to be used in 1917	1,888	5,916	3,435	1,175	5,004	2,426	6,206	6,190	502	1,330	498
Tons of acid phosphate wanted	50	......	......	18	......	22	27	......	4	9	5
Tons of other fertilizer wanted	329	395	5,701	83	64	131	368	150	....	106	142
Spray materials wanted											
Pounds of paris green	....	1,610	3,375	16	147	......	259	2,268	....	630	12
Pounds of lead arsenate	3,013	1,661	775	4,021	333	1,925	2,962	2,269	315	520	2,541
Pounds of copper sulphate	1,340	4,455	5,975	3,995	16	2,855	2,846	......	310	126	1,153
Pounds of other poisons	....	2,350	7,830	17,000	......	2,070	......	2,268	608	790	225
Gallons of lime sulphur	39,401	675	2,170	8,503	144	13,423	......	......	3	2,480	3
Tons of hay on hand above amount necessary to carry livestock until new hay comes	8,296	28,624	17,178	6,268	15,129	4,842	14,066	40,074	2,752	10,135	621
Number reporting difficulty in getting supplies delivered by the railroads	119	122	114	88	164	82	164	252	16	87	20
Number reporting difficulty in getting necessary machinery	76	160	69	86	105	49	152	95	15	19	25
Bushels of seed wanted and for sale											
Alfalfa wanted	312	661	1,440	523	557	64	101	358	4	215	17
Alfalfa for sale	20	90	......	18	......	......	35	......	....	36	....
Potatoes wanted	13,872	11,104	11,117	7,025	4,846	6,566	11,997	6,266	935	6,162	1,790
Potatoes for sale	1,153	5,311	10,914	6,089	1,088	1,368	2,628	4,394	243	3,971	54
Field beans wanted	2,781	690	926	2,531	60	2,529	950	852	28	371	76
Field beans for sale	1,801	496	1,241	3,251	......	4,283	345	292	....	205	5
Buckwheat wanted	1,223	1,583	1,734	1,171	541	498	3,056	2,541	98	1,632	150
Buckwheat for sale	380	712	1,298	491	242	236	984	2,512	14	974	25
Corn wanted	2,941	4,149	3,892	2,083	1,394	1,264	3,492	4,605	81	1,465	371
Corn for sale	1,085	596	1,723	2,366	1,926	274	642	629	108	683	65
Spring wheat wanted	435	724	884	311	90	100	629	1,044	45	275	24
Spring wheat for sale	576	60	131	915	64	450	71	149	4	60	....
Number of livestock wanted and for sale											
Dairy cows wanted	356	1,789	1,328	324	1,247	249	1,439	2,643	221	223	142
Dairy cows for sale	513	2,017	2,114	436	1,636	457	1,285	1,549	348	479	46
Heifer calves wanted	129	504	409	290	298	104	574	689	108	189	68
Heifer calves for sale	200	475	844	163	457	125	307	348	130	72	8
Breeding ewes wanted	238	248	557	2,158	44	1,239	762	345	47	304	37
Breeding ewes for sale	110	55	149	779	11	246	88	407	....	104	6
Work horses wanted	210	329	251	319	127	105	271	248	21	169	75
Work horses for sale	464	540	565	328	215	329	430	315	25	145	20
Brood sows wanted	59	77	63	66	34	67	52	90	12	66	25
Brood sows for sale	125	123	109	157	139	100	76	112	6	32	25
Pigs wanted	1,112	1,739	1,578	733	503	602	1,195	1,298	151	879	178
Pigs for sale	1,976	2,156	1,786	1,869	738	1,890	1,287	1,196	154	990	93

APRIL 21, 1917 — (*Concluded*)

Steuben	St. Lawrence	Saratoga	Schenectady	Schoharie	Schuyler	Seneca	Suffolk	Sullivan	Tioga	Tompkins	Ulster	Warren	Washington	Wayne	Westchester	Wyoming	Yates
7,227	6,113	4,930	1,156	3,521	2,443	3,506	23,099	2,183	2,028	2,595	7,112	1,118	2,744	10,709	2,771	8,119	2,692
8,346	6,676	5,028	1,134	2,347	2,505	4,026	24,937	2,212	2,820	3,026	7,721	1,349	2,865	11,529	4,225	9,146	2,964
7,486	982	1,422	261	431	656	849	3,196	5,320	5,535	1,947	7,665	141	918	3,519	2,196	3,479	475
7,441	1,337	1,610	200	530	1,137	947	4,172	6,041	6,611	2,395	6,511	202	1,030	3 719	1 256	3,505	770
1,250	90	18	8	11	13	59	12	29	......	208	1,483	......	14	......	208	......	....
978	241	119	65	6	35	36	451	75	65	36	3,318	163	35	1,514	295	248	65
877	878	495	......	196	17	55	3,165	499	33.	83	903	775	419	......	......	......	....
1,019	994	1,182	334	225	134	655	3,020	421	674	545	305	480	282	17,474	1,249	4,566	1,466
3,721	580	713	178	107	530	290	35,479	192	1,517	1,130	2,561	550	435	5,263	244	15,792	3,186
930	......	210	338	341	......	500	12,001	213	330	2,522	185	......	52	526	......	21,645	....
2,557	45	383	64	1.743	451	650	28	100	46	421	1,049	......	......	33,380	1,612	3,047	1,395
20,828	27,834	13,398	4,637	20,919	9,768	6,278	1,183	7,401	7,775	13,774	12,338	4,292	18,578	7,883	4,279	12,607	6,007
206	244	59	26	113	44	39	77	114	36	59	77	14	88	189	34	206	43
119	200	124	40	79	35	36	54	120	81	63	193	58	101	77	5	66	47
616	162	84	18	213	43	118	52	221	45	126	358	72	256	434	99	189	89
33	316	......	......	21	5	....	5	28	......	......	41	20	......	115	3	139	2
14,921	18,084	5,281	1,675	3,113	2,074	2,511	6,729	7,295	4,001	4,084	6,853	3,351	4,323	9,042	3,134	7,943	2,563
8,279	3,464	1,932	273	3,779	1,463	695	10,592	2,555	1,686	2,597	1,783	1,844	8,295	4,512	212	6,732	772
2,194	820	348	164	229	1,662	1,241	198	236	283	1,037	657	211	290	2,570	99	3,450	1,826
1,200	206	30	19	379	2,521	764	63	40	203	1,631	362	60	325	3,152	......	17,064	2,146
6,087	1,531	2,054	1,065	2,568	2,092	951	233	2,175	3,151	2,362	2,083	837	1,014	1.938	310	1,295	1,240
2,886	613	1,410	963	1,255	846	753	40	568	2,861	1,855	1,156	212	1,147	900	108	2,251	408
4,495	4,767	1,749	778	2,289	281	498	2,455	2,699	1,358	1,037	1,650	521	1,512	3,872	617	3,075	1,305
442	722	636	211	637	179	1,072	1,200	344	418	543	2,562	100	2,531	2,924	1,205	733	495
926	2,649	219	164	508	83	43	327	199	204	212	286	65	406	488	52	601	45
351	106	52	85	......	78	400	26	......	......	406	186	37	12	593	......	80	....
975	1,900	586	195	645	126	129	121	876	313	594	719	187	873	653	211	556	146
986	2,016	508	85	865	231	147	206	965	864	587	769	315	917	652	642	786	174
433	614	171	91	335	103	80	38	542	290	155	423	92	256	227	101	231	91
391	992	210	47	243	81	47	68	277	164	128	319	122	235	451	190	274	83
1,703	170	251	85	291	859	226	15	206	458	594	376	332	692	467	75	815	1,355
452	246	82	2	112	287	65	1	138	116	84	73	195	230	119	86	343	86
226	283	153	78	170	59	64	142	229	65	139	238	72	126	152	173	125	69
642	608	223	88	195	166	172	144	271	274	231	194	109	200	567	128	353	165
71	129	70	11	33	17	11	20	35	10	31	73	17	36	48	12	54	30
88	216	52	9	27	23	29	29	65	30	60	59	128	53	121	27	57	25
1,482	1,665	722	343	801	484	322	363	1,121	475	518	706	438	563	1,134	520	801	392
1,454	2,439	933	261	887	620	611	541	937	468	660	2,109	361	1,305	2,325	345	961	783

TABLE 21.— CENSUS TAKEN

	State	Albany	Allegany	Broome	Cattaraugus	Cayuga	Chautauqua	Chemung	Chenango	Clinton
Number of school districts reporting	10,006	155	233	200	269	210	267	107	236	181
Number of farms reported	185,051	2,792	4,561	3,400	5,082	4,411	6,432	1,696	3,529	3,110
Number of farms not reported	4,822	55	68	270	......	21	78	20	223	250
Number of idle farms in addition to above	2,305	47	42	78	144	17	41	50	95	....
Acres in idle farms	176,679	4,729	4,278	7,844	22,000	1,020	2,322	500	11,000	....
Farm workers										
Number of persons devoting full time to farm work, Feb. 1, 1917	273,322	4,288	5,942	4,355	6,731	5,724	8,292	2,262	5,003	5,023
Number of persons devoting full time to farm work, Feb. 1, 1918	261,339	4,135	5,830	4,244	6,644	5,519	8,293	2,206	4,949	4,597
Number of hired men, Feb. 1, 1917	57,639	854	1,043	771	678	912	1,267	383	927	927
Number of hired men, Feb. 1, 1918	47,433	688	742	611	803	800	953	310	815	870
Number of persons regularly doing farm work last season										
(a) Who have enlisted	4,192	67	61	69	90	79	127	30	59	90
(b) Who have been drafted	12,461	164	272	104	270	262	336	86	231	393
(c) Who have left farming for other kinds of work	21,430	355	385	384	539	474	651	230	362	360
Total number of workers who have left farms	*38,083*	*686*	*718*	*557*	*899*	*815*	*1,114*	*346*	*652*	*843*
Number of workers on farms Feb. 1, 1918, who were working in some other industry Feb. 1, 1917	13,894	155	329	369	350	274	435	168	268	250
Number of hired men for entire year (12 months)										
(a) Last year	39,450	616	620	461	634	794	894	230	623	753
(b) Already hired for 1918	28,323	371	448	336	561	499	693	156	465	452
(c) Yet to be hired for 1918	25,625	609	367	291	401	624	518	106	367	1,415
Number of hired men for entire summer (6 to 8 months)										
(a) Last year	45,071	634	668	449	587	987	991	245	549	908
(b) Already hired for 1918	15,634	265	199	157	234	282	387	52	192	317
(c) Yet to be hired for 1918	32,370	661	522	299	466	792	698	118	392	804
Number of hired men for short periods										
(a) Last year	142,823	1,892	2,713	2,117	3,013	2,169	6,500	925	2,710	2,452
(b) Already hired for 1918	13,604	164	209	140	284	273	664	87	174	184
(c) Yet to be hired for 1918	93,575	1,261	1,633	1,097	1,778	1,793	5,042	423	1,346	1,760
Tractors, milking machines and manure spreaders (worn out and useless machines not included)										
Number of tractors on farms	2,982	17	51	23	49	77	89	16	24	28
Number of milking machines on farms	4,966	11	185	59	258	38	281	35	269	52
Number of manure spreaders on farms	27,955	351	461	299	627	878	815	248	412	522
Horses and mules on farms, February 1, 1918										
Mares, 2 years old and older	210,682	2,637	5,677	3,034	5,425	6,099	6,520	1,902	3,860	4,575
Geldings, 2 years old and older	235,751	3,651	5,682	3,547	5,402	6,258	6,845	1,829	4,587	3,551
Mules, 2 years old and older	6,423	67	155	140	108	203	237	83	145	61
Stallions	4,694	66	189	77	127	85	127	62	83	150
Colts, under 2 years old	27,661	255	907	409	737	698	859	274	466	1,082
Mule colts, under 2 years old	982	15	15	35	16	38	45	12	17	7
Total horses and mules	*486,193*	*6,691*	*12,625*	*7,242*	*11,815*	*13,381*	*14,633*	*4,162*	*9,158*	*9,426*
Cattle										
Cattle on farms, February 1, 1918										
Dairy cows and heifers, 2 years old and older	1,375,793	11,049	37,088	27,422	56,556	21,863	45,010	10,781	45,906	26,495
Heifers, 1 year old and under 2 years, to be raised for dairy cows	269,610	1,758	7,166	6,393	9,950	4,012	9,013	2,232	8,933	4,475
Heifers, under 1 year old, to be raised for dairy cows	207,897	1,647	6,067	5,051	7,239	3,396	7,102	1,846	7,171	4,735
Bulls	74,600	691	2,262	1,627	3,225	850	2,350	740	2,240	1,588
Calves, to be vealed	69,347	929	2,881	714	3,574	2,016	2,850	760	712	2,205
Steers and beef cattle of all kinds and ages	50,868	372	862	457	1,681	619	1,263	248	799	1,450
Total cattle	*2,048,115*	*16,446*	*56,326*	*41,664*	*82,225*	*32,756*	*67,588*	*16,607*	*65,761*	*40,948*
Number of registered pure bred cows, February 1, 1918	83,326	471	4,877	965	2,023	1,838	4,814	722	3,060	611
Dairy cows and heifers 2 years old and older on farms February 1, 1917	1,389,892	11,368	37,505	25,993	55,961	22,576	46,617	10,108	46,338	24,537
Heifer calves under 1 year old, to be raised for dairy cows, on farms February 1, 1917	270,605	1,945	7,992	5,945	10,163	4,154	9,285	2,287	8,909	5,470
Dairy cows or heifers bought in 1917, that were 2 years old or older at the time of purchase	184,868	2,781	3,772	4,923	5,775	3,014	7,612	1,066	7,377	3,792
Dairy cows or heifers sold in 1917, that were 2 years old or older at the time of sale	294,435	3,688	7,654	5,666	11,302	4,070	12,419	1,805	10,979	4,150
Sheep										
Sheep on farms, February 1, 1918										
Breeding ewes, 1 year old and older	332,682	6,590	9,525	2,892	3,264	6,700	3,746	2,073	2,105	5,772
Ewes, under 1 year old, to be kept for breeding	77,653	1,389	2,231	737	591	2,118	823	538	565	1,499
All other sheep and lambs	104,481	810	1,566	560	386	1,245	643	285	358	1,182
Total sheep	*514,816*	*8,789*	*13,322*	*4,189*	*4,241*	*10,063*	*5,212*	*2,896*	*3,028*	*8,453*
Breeding ewes, 1 year old or older, February 1, 1917	317,974	6,212	9,750	3,036	2,023	6,466	3,525	2,255	1,826	5,165
Hogs										
Hogs on farms, February 1, 1918										
Sows, 6 months old or older, kept for breeding	82,641	2,028	1,480	917	1,711	1,965	1,820	472	1,012	2,145
All other hogs and pigs	315,442	6,160	5,730	3,277	7,313	10,652	6,516	1,921	4,234	6,920
Total hogs and pigs	*398,083*	*8,188*	*7,210*	*4,194*	*9,024*	*12,617*	*8,336*	*2,393*	*5,246*	*9,065*
Sows, 6 months old or older, kept for breeding, on farms February 1, 1917	84,358	2,021	1,369	780	1,994	2,119	1,761	593	962	2,496
Poultry										
Poultry on farms, February 1, 1918										
Hens	8,907,644	156,027	167,688	141,395	212,376	261,582	292,780	72,662	215,166	62,620
Turkeys	60,513	739	1,309	408	1,043	1,634	870	95	1,148	970
Ducks	103,848	1,404	1,633	1,397	1,357	3,580	1,809	571	1,878	441
Geese	29,012	711	290	210	299	775	587	243	201	279
Total poultry	*9,101,017*	*158,881*	*170,920*	*143,410*	*215,075*	*267,571*	*296,046*	*73,571*	*218,393*	*64,310*
Number of eggs set or incubated in 1917	24,975,028	463,358	381,767	336,026	507,394	455,304	683,183	155,724	546,444	244,439
Number of eggs expected to be set or incubated in 1918	24,156,273	415,874	384,314	338,370	513,929	475,629	663,782	153,831	473,123	223,983
Bees (colonies or hives)	130,954	3,313	3,273	1,700	2,779	4,167	4,157	1,358	2,582	1,217
Crops										
Corn to be husked for grain, acres, 1917	327,509	8,181	1,437	1,680	1,985	14,832	4,727	1,975	2,035	3,321
Yield, 1917, bushels shelled	6,780,353	108,602	19,656	30,461	22,405	325,116	54,852	48,280	54,360	72,739
Acres expected, 1918	415,709	7,460	2,769	3,343	3,752	16,029	7,529	2,781	3,729	5,141
Corn for the silo, acres, 1917	321,926	1,788	8,317	3,538	9,272	8,448	12,435	3,571	7,351	4,482
Yield, 1917, tons	2,085,296	13,096	50,253	23,571	48,273	51,924	62,269	22,220	67,228	31,374
Acres expected, 1918	349,148	1,789	8,764	4,279	10,153	7,631	12,118	3,606	8,247	5,578

FEBRUARY 1, 1918 — (*Continued*)

Columbia	Cortland	Delaware	Dutchess	Erie	Essex	Franklin	Fulton	Genesee	Greene	Herkimer	Jefferson	Lewis	Livingston	Madison	Monroe	Montgomery	Nassau
146	130	328	176	254	137	174	95	122	134	166	346	195	179	200	199	107	54
2,378	2,105	4,537	2,979	6,662	1,944	3,182	1,641	2,703	2,187	2,637	5,549	2,937	3,257	3,553	4,853	2,000	972
38	37	10	441	46	......	6	8	95	69	36	7	36	4	160	....	29	54
9	13	21	6	......	215	22	20	4	24	368	....	39	8	225	....	17	13
894	1,382	1,593	......	......	......	1,100	2,100	150	1,629	24,426	....	6,013	524	22,500	....	1,908	532
3,763	2,996	6,903	5,325	12,618	2,655	4,760	1,967	3,990	2,855	3,838	10,245	4,433	4,581	5,381	7,757	3,291	2,491
3,654	2,960	6,721	5,051	10,915	2,623	4,637	1,952	3,869	2,795	3,769	8,369	4,295	4,409	4,964	7,467	3,102	2,333
1,143	620	1,332	2,305	1,691	616	853	327	815	583	847	2,402	670	1,224	1,147	1,801	762	1,488
1,092	590	1,133	2,125	1,323	555	722	260	700	511	881	1,149	574	1,070	922	1,475	611	1,315
77	55	160	106	111	44	62	25	55	39	63	112	66	76	121	129	48	75
132	114	244	274	536	152	191	109	219	113	139	308	246	374	234	422	183	185
279	193	399	454	770	189	340	143	411	198	331	550	260	420	353	759	291	303
488	*362*	*808*	*834*	*1,417*	*385*	*593*	*277*	*685*	*350*	*533*	*970*	*572*	*870*	*708*	*1,310*	*522*	*563*
208	182	361	318	501	172	234	119	187	151	249	387	189	207	249	426	145	115
759	466	853	1,872	1,141	411	639	199	555	357	546	1,047	447	853	728	1,377	486	1,087
562	347	631	1,384	829	297	364	149	365	289	462	757	339	565	514	880	375	804
526	265	529	835	732	293	496	100	401	252	331	661	281	558	498	838	302	646
986	411	822	1,422	1,554	560	1,140	189	774	621	537	980	451	1,151	804	1,622	506	1,509
395	156	291	532	697	152	203	65	272	208	274	354	193	332	298	505	187	449
628	361	601	838	993	388	813	135	531	423	403	803	370	831	545	1,122	398	882
2,335	1,651	3,453	2,494	3,999	1,685	3,143	945	1,912	1,560	1,659	3,474	1,542	2,644	2,353	5,987	1,193	1,920
240	396	314	336	660	135	223	82	134	161	145	317	185	150	248	345	157	188
1,560	788	2,323	1,338	3,222	1,209	1,819	546	1,201	1,036	1,213	3,355	1,094	1,844	1,524	3,514	740	1,268
31	19	18	70	178	11	19	17	79	17	23	118	27	97	57	123	42	37
29	92	329	71	114	12	94	6	46	32	98	444	149	30	213	33	31	3
218	253	306	331	1,448	226	544	148	980	199	488	913	584	934	378	1,211	400	41
2,159	2,629	4,284	2,800	7,151	2,286	4,132	1,387	5,020	1,725	2,623	7,545	3,216	5,707	4,170	8,184	2,569	481
3,411	2,846	5,840	4,844	8,356	2,068	3,631	1,566	5,110	2,337	3,659	7,780	3,559	5,767	4,677	7,589	3,156	1,719
120	120	156	192	219	25	19	19	108	32	69	111	18	132	174	131	46	105
76	59	92	78	162	59	101	30	63	50	53	165	69	78	90	107	110	29
194	296	455	219	806	410	799	174	679	149	284	1,199	495	1,051	516	813	366	20
11	10	43	31	34	1	6	4	9	23	1	16	9	31	33	22	10	4
5,971	*5,960*	*10,870*	*8,164*	*16,728*	*4,849*	*8,688*	*3,180*	*10,989*	*4,316*	*6,689*	*16,816*	*7,366*	*12,766*	*9,660*	*16,846*	*6,257*	*2,358*
12,846	25,045	76,668	25,393	37,118	10,430	30,802	8,313	13,897	12,819	33,529	68,175	38,821	17,758	33,898	16,181	18,758	1,911
2,890	4,600	14,554	6,334	6,565	2,403	6,275	1,655	2,459	2,702	5,586	14,353	7,234	2,996	7,688	2,632	3,648	364
2,337	3,981	10,524	5,044	3,955	2,180	4,767	1,323	1,874	2,124	2,989	8,772	4,754	2,715	6,327	1,968	2,333	253
809	1,275	3,432	1,446	1,678	831	1,475	604	644	900	1,687	3,671	2,117	898	1,886	826	1,416	107
1,672	492	468	1,035	3,269	465	582	454	1,187	641	698	2,185	1,238	1,613	821	1,394	699	66
512	237	929	1,555	1,865	1,344	444	457	1,870	515	291	1,081	488	2,621	668	2,809	509	49
21,066	*35,630*	*106,575*	*40,807*	*54,450*	*17,653*	*44,345*	*12,806*	*21,931*	*19,731*	*44,780*	*98,237*	*54,652*	*28,601*	*51,288*	*25,810*	*27,363*	*2,750*
682	1,609	2,198	2,037	1,614	439	990	277	514	421	1,127	3,191	1,580	612	5,544	898	946	528
11,919	25,122	82,201	24,540	40,289	10,291	28,708	8,174	14,038	12,996	33,194	67,244	38,406	19,121	33,950	15,763	18,200	1,942
2,630	4,851	14,208	5,612	6,579	2,560	6,180	1,734	2,472	2,762	5,266	12,277	7,253	3,075	8,148	2,725	3,419	336
1,799	3,902	10,684	4,077	6,004	952	3,898	947	2,858	1,931	2,963	4,573	2,936	4,896	4,211	3,555	1,500	329
2,258	6,613	15,178	6,020	9,189	1,757	6,389	1,407	3,691	2,943	5,382	9,460	6,655	5,784	9,983	4,574	2,756	455
6,690	1,310	3,048	4,856	3,000	9,960	2,502	635	12,051	4,088	766	2,155	1,365	28,394	1,762	7,851	890	523
1,557	337	636	1,481	772	2,717	626	170	2,560	861	249	473	324	5,758	704	2,061	192	533
1,226	208	427	577	763	1,822	533	68	18,019	457	123	223	156	11,023	329	3,134	268	92
9,473	*1,855*	*4,111*	*6,914*	*4,585*	*14,499*	*3,661*	*873*	*32,630*	*5,406*	*1,138*	*2,851*	*1,845*	*45,175*	*2,795*	*13,046*	*1,350*	*1,148*
6,452	1,479	2,835	4,202	2,807	9,330	2,381	654	12,589	3,549	677	2,672	1,212	23,965	1,801	8,509	946	425
1,800	574	1,373	2,193	2,699	1,239	1,665	541	1,711	1,235	1,066	3,195	1,926	1,697	1,030	2,731	964	331
4,916	2,574	5,346	6,416	12,129	2,837	4,395	1,716	8,122	3,434	3,201	10,448	5,942	7,565	4,033	13,155	2,974	1,243
6,716	*3,148*	*6,719*	*8,609*	*14,828*	*4,076*	*6,060*	*2,257*	*9,833*	*4,669*	*4,267*	*13,643*	*7,868*	*9,262*	*5,063*	*15,886*	*3,938*	*1,574*
1,768	490	1,392	2,546	3,231	1,104	1,852	540	1,875	1,161	984	2,953	1,785	1,486	972	2,538	1,093	274
139,350	106,994	220,394	201,970	298,585	55,111	89,284	46,278	130,591	122,506	115,898	199,968	84,991	134,010	180,574	240,079	96,713	62,213
1,038	418	1,346	2,532	674	425	1,052	270	1,063	506	679	4,482	1,110	1,945	1,424	949	488	162
1,593	1,642	2,421	3,798	3,717	375	472	273	1,747	908	984	1,436	554	1,747	2,037	2,152	731	1,332
583	247	277	720	1,431	146	2,321	169	639	239	278	504	173	586	317	1,174	309	314
142,564	*109,301*	*224,438*	*209,020*	*304,407*	*56,057*	*93,129*	*46,990*	*134,040*	*124,160*	*117,839*	*206,390*	*86,828*	*138,288*	*184,352*	*244,354*	*98,241*	*64,021*
373,371	225,580	587,184	913,588	963,221	163,675	213,461	131,537	345,289	301,729	264,419	455,658	172,573	223,210	387,054	803,554	221,622	167,869
375,462	225,791	532,947	828,137	1,049,065	181,449	178,762	152,815	369,486	287,368	283,818	474,672	190,267	282,622	393,492	810,046	227,433	150,914
2,082	1,390	3,025	3,493	3,634	1,453	1,603	1,128	1,577	2,602	1,734	4,179	1,453	3,496	1,245	2,084	2,992	278
12,787	1,060	1,785	19,647	7,902	4,457	2,150	1,789	4,544	5,806	1,783	3,813	1,331	5,686	3,115	13,062	4,253	4,871
243,011	24,608	23,418	360,008	76,557	47,782	41,562	22,678	84,028	118,091	67,201	66,793	17,353	122,833	79,932	197,852	59,660	172,594
15,799	1,760	2,128	17,231	11,219	4,147	3,467	2,776	7,017	6,129	2,992	6,091	2,206	7,068	5,586	20,130	6,231	4,929
2,756	4,434	6,409	10,265	11,952	1,623	6,918	1,746	5,438	1,127	5,996	21,725	6,750	5,009	11,281	4,388	6,565	460
19,132	35,440	50,813	73,053	53,122	10,684	52,878	15,634	25,047	9,131	39,981	139,759	42,415	33,866	76,420	25,545	34,658	3,150
2,430	4,977	6,404	9,173	11,729	1,562	7,512	1,759	5,851	1,079	6,202	24,131	7,362	5,383	11,213	10,365	6,414	323

TABLE 21.— CENSUS TAKEN

	Niagara	Oneida	Onondaga	Ontario	Orange	Orleans	Oswego	Otsego	Putnam	Rensselaer	Rockland
Number of school districts reporting	152	345	245	185	158	118	269	249	48	142	46
Number of farms reported	3,941	6,310	5,657	3,695	3,232	2,497	5,766	4,389	644	2,565	851
Number of farms not reported	12	150	12	33	50	12	75	44	12	86	191
Number of idle farms in addition to above	10	.....	16	12	41	5	43	42	10	36	50
Acres in idle farms	331	......	914	175	4,054	187	2,190	2,917	650	2,525	1,250
Farm workers											
Number of persons devoting full time to farm work February 1, 1917	6,072	8,755	7,952	5,576	6,170	3,752	7,071	6,190	1,084	4,083	1,079
Number of persons devoting full time to farm work February 1, 1918	5,578	8,500	7,723	5,379	6,136	3,560	6,896	5,937	1,070	4,007	1,047
Number of hired men February 1, 1917	1,251	1,651	1,759	1,221	1,919	823	900	1,189	541	854	418
Number of hired men February 1, 1918	933	1,319	1,522	1,051	1,726	681	681	1,090	469	714	361
Number of persons regularly doing farm work last season											
(a) Who have enlisted	82	102	155	84	112	66	73	92	17	64	42
(b) Who have been drafted	424	341	252	220	233	191	282	167	60	153	67
(c) Who have left farming for other kinds of work	654	599	768	455	473	395	572	343	59	340	138
Total number of workers who have left farms	*1,160*	*1,042*	*1,175*	*759*	*818*	*652*	*927*	*602*	*136*	*557*	*247*
Number of workers on farms February 1, 1918, who were working in some other industry February 1, 1917	236	427	479	246	400	157	347	263	57	225	75
Number of hired men for entire year (12 months)											
(a) Last year	849	1,125	1,223	829	1,475	606	535	828	341	627	295
(b) Already hired for 1918	577	737	766	665	1,009	485	369	697	232	370	255
(c) Yet to be hired for 1918	551	724	932	423	838	341	496	453	169	402	125
Number of hired men for entire summer (6 to 8 months)											
(a) Last year	1,146	1,106	1,485	1,087	1,458	753	853	881	301	710	286
(b) Already hired for 1918	348	340	385	452	568	270	234	299	81	210	115
(c) Yet to be hired for 1918	835	879	1,129	691	970	590	566	803	201	461	167
Number of hired men for short periods											
(a) Last year	6,320	4,613	4,096	3,077	3,099	3,992	4,117	2,433	572	1,822	796
(b) Already hired for 1918	375	311	350	290	475	232	237	284	79	162	135
(c) Yet to be hired for 1918	4,288	3,135	2,473	2,186	1,981	2,232	3,323	1,404	287	1,143	331
Tractors, milking machines and manure spreaders (worn out and useless machines not included)											
Number of tractors on farms	235	85	85	140	36	112	62	29	19	26	10
Number of milking machines on farms	72	219	74	32	112	8	159	171	33	12	4
Number of manure spreaders on farms	758	885	1,043	782	429	763	778	361	51	276	34
Horses and mules on farms February 1, 1918											
Mares, 2 years old and older	5,986	5,886	6,661	5,942	2,969	3,213	5,095	4,109	457	2,546	343
Geldings, 2 years old and older	5,762	7,553	7,099	5,899	4,533	2,983	5,091	5,782	723	3,359	424
Mules, 2 years old and older	234	117	310	209	85	132	132	72	20	34	35
Stallions	83	117	120	79	87	24	118	109	10	100	18
Colts, under 2 years old	710	622	745	916	202	477	685	466	23	171	10
Mule colts, under 2 years old	29	4	38	33	8	9	26	24	......	8	6
Total horses and mules	*12,804*	*14,299*	*14,973*	*13,078*	*7,884*	*6,838*	*11,147*	*10,562*	*1,233*	*6,218*	*836*
Cattle											
Cattle on farms February 1, 1918											
Dairy cows and heifers, 2 years old and older	11,898	59,241	31,622	11,737	39,115	7,108	35,869	45,649	7,029	14,656	1,720
Heifers, 1 year old and under 2 years, to be raised for dairy cows	1,973	10,951	6,958	2,569	6,341	1,221	7,018	9,861	1,502	2,971	294
Heifers, under 1 year old, to be raised for dairy cows	1,411	7,874	5,636	2,139	4,496	743	5,499	8,067	972	2,341	258
Bulls	496	3,143	1,785	739	1,622	353	1,645	2,763	307	991	55
Calves, to be vealed	1,244	1,525	1,760	1,595	654	1,014	1,294	924	137	706	57
Steers and beef cattle of all kinds and ages	701	647	847	2,831	577	2,236	795	1,184	164	577	36
Total cattle	*17,723*	*83,381*	*48,608*	*21,610*	*52,805*	*12,675*	*52,120*	*68,448*	*10,111*	*22,242*	*2,420*
Number of registered pure bred cows, February 1, 1918	465	3,765	3,570	406	3,100	303	2,489	3,142	351	843	111
Dairy cows and heifers, 2 years old and older, on farms February 1, 1917	13,187	62,432	32,993	12,557	39,904	8,150	38,155	43,695	6,589	16,225	1,782
Heifer calves under 1 year old, to be raised for dairy cows, on farms February 1, 1917	2,220	11,145	6,749	2,540	6,161	1,192	7,572	9,743	1,243	3,050	317
Dairy cows or heifers bought in 1917, that were 2 years old or older at the time of purchase	2,433	7,863	4,839	1,707	6,807	1,704	4,121	8,881	1,881	1,899	666
Dairy cows or heifers sold in 1917, that were 2 years old or older at the time of sale	3,608	12,823	7,854	3,483	9,138	2,039	7,060	10,834	2,647	3,337	842
Sheep											
Sheep on farms February 1, 1918											
Breeding ewes, 1 year old and older	7,276	3,118	6,886	26,354	862	20,601	1,520	4,329	399	8,286	129
Ewes under 1 year old to be kept for breeding	1,843	917	1,762	5,758	296	4,307	469	990	78	2,078	10
All other sheep and lambs	1,579	532	914	3,107	268	9,430	248	901	133	1,472	63
Total sheep	*10,698*	*4,567*	*9,562*	*35,219*	*,426*	*34,338*	*2,237*	*6,220*	*610*	*11,836*	*202*
Breeding ewes, 1 year old or older, February 1, 1917	7,093	2,651	6,498	25,180	968	20,810	1,533	3,916	286	8,272	163
Hogs											
Hogs on farm February 1, 1918											
Sows, 6 months old or older, kept for breeding	2,052	2,608	2,354	2,320	1,361	1,774	1,892	1,300	253	1,285	277
All other hogs and pigs	9,293	11,447	10,182	10,729	4,566	8,007	7,055	5,634	759	4,677	775
Total hogs and pigs	*11,345*	*14,055*	*12,536*	*13,049*	*5,927*	*9,781*	*8,947*	*6,934*	*1,012*	*5,962*	*1,052*
Sows, 6 months old or older, kept for breeding, on farms February 1, 1917	2,279	2,656	2,210	2,104	1,442	1,999	1,822	1,269	247	1,459	231
Poultry											
Poultry on farms February 1, 1918											
Hens	214,217	242,713	232,146	197,368	241,845	127,111	222,332	289,400	36,435	134,564	57,128
Turkeys	618	1,812	1,349	817	1,238	725	1,490	1,722	86	536	80
Ducks	2,578	2,321	3,869	1,945	3,297	1,162	2,032	2,158	453	1,373	538
Geese	1,086	706	1,271	668	769	784	521	362	166	451	178
Total poultry	*218,499*	*247,552*	*238,635*	*200,798*	*247,149*	*129,782*	*226,375*	*293,642*	*37,140*	*136,924*	*57,924*
Number of eggs set or incubated in 1917	1,297,478	707,390	727,174	445,460	715,518	265,462	551,298	657,823	83,415	315,645	187,098
Number of eggs expected to be set or incubated in 1918	1,666,528	599,354	682,934	447,960	620,667	271,269	574,217	612,422	78,420	296,617	177,977
Bees (colonies or hives)	2,342	2,182	3,865	3,137	2,119	1,818	1,318	3,202	252	2,086	534

FEBRUARY 1, 1918

St. Lawrence	Saratoga	Schenectady	Schoharie	Schuyler	Seneca	Steuben	Suffolk	Sullivan	Tioga	Tompkins	Ulster	Warren	Washington	Wayne	Westchester	Wyoming	Yates
436	184	61	163	102	85	356	121	162	141	137	209	97	220	206	101	165	103
6,796	3,180	1,012	2,715	1,486	1,717	5,999	2,395	3,697	2,388	2,597	4,025	1,565	3,331	4,855	1,507	3,208	1,942
338	55	14	81	21	58	31	85	786	70	138	189	20	39	53	75	10	21
75	81	14	9	13	....	28	21	27	59	43	29	64	8	....	30	16	5
9,579	8,800	2,100	869	702	....	....	1,000	2,100	3,187	3,922	....	7,015	641	....	1,489	1,600	38
10,931	4,114	1,425	3,975	2,164	2,445	8,478	4,226	4,568	3,085	3,350	5,723	1,887	4,671	7,389	2,540	4,398	2,700
10,237	4,020	1,271	3,939	2,065	2,328	7,980	4,215	4,352	3,083	3,322	5,589	1,869	4,547	6,971	2,471	4,287	2,658
1,634	775	314	765	323	533	1,141	1,397	732	412	527	1,475	337	968	2,435	1,679	800	478
1,337	642	211	651	245	402	838	1,370	592	329	437	1,392	282	826	1,155	1,495	690	392
168	77	23	44	24	47	98	95	51	39	50	76	43	94	81	92	53	52
534	123	50	198	124	136	390	253	229	88	145	277	89	178	442	126	233	163
687	425	169	242	188	234	633	440	333	233	294	526	111	336	657	221	289	233
1,389	*625*	*242*	*484*	*336*	*417*	*1,121*	*788*	*613*	*360*	*489*	*879*	*243*	*608*	*1,180*	*439*	*575*	*448*
544	272	58	155	94	106	329	416	226	207	175	352	113	204	256	210	154	113
1,036	531	189	504	212	336	1,046	1,088	561	250	346	1,134	242	628	1,069	1,201	573	323
806	352	117	380	148	309	496	900	430	182	277	840	166	416	793	991	388	276
836	352	169	297	141	246	547	709	260	142	248	713	139	457	596	529	300	248
1,102	575	281	556	318	460	858	1,642	524	220	405	1,330	255	718	1,491	1,100	619	494
463	192	69	219	78	230	266	586	181	66	111	453	91	282	541	457	174	225
973	373	231	412	228	338	647	1,048	457	161	295	989	182	611	999	547	444	326
4,090	1,746	609	1,883	1,275	1,666	3,345	2,472	2,073	1,152	1,549	4,271	1,184	2,214	4,896	1,273	1,858	1,890
388	163	67	164	88	189	236	264	296	124	131	613	69	193	565	210	121	198
2,964	957	377	1,131	681	1,127	2,019	1,761	1,113	624	948	2,904	730	1,339	3,314	673	1,091	1,312
81	39	19	7	27	104	68	52	2	29	47	32	3	50	94	15	64	62
423	39	6	35	13	13	120	13	6	28	55	29	4	132	32	22	79	7
1,488	452	123	150	398	609	586	97	62	292	526	296	63	552	663	86	707	430
10,027	2,676	997	2,935	1,852	2,729	7,403	1,460	2,583	2,532	2,868	2,339	1,102	4,057	6,136	907	4,460	2,615
8,684	3,187	1,217	3,478	2,322	2,689	7,599	2,973	3,802	2,669	3,413	3,855	1,050	4,160	6,892	1,466	4,950	2,870
67	78	25	41	133	55	301	200	59	165	135	89	25	51	215	98	96	215
217	118	27	63	38	34	177	79	92	76	79	63	38	83	72	32	72	32
1,759	254	136	491	238	366	1,360	60	265	330	430	157	149	642	555	62	378	390
31	20	4	8	11	25	41	13	12	26	10	27	3	22	29	1	11	5
20,785	*6,333*	*2,406*	*7,018*	*4,594*	*5,898*	*16,881*	*4,785*	*6,813*	*5,798*	*8,935*	*6,530*	*2,387*	*9,015*	*13,899*	*2,566*	*9,967*	*6,127*
100,248	14,259	4,389	23,695	5,810	5,325	35,825	4,363	21,223	15,427	13,869	15,702	4,982	28,052	18,005	7,377	22,003	5,063
17,503	2,887	818	5,298	990	1,168	6,768	864	4,957	3,841	2,833	3,852	1,195	6,006	2,792	1,738	4,535	1,036
13,857	2,533	676	4,211	983	1,093	5,809	632	4,004	3,228	2,520	2,950	1,112	5,051	2,101	1,273	3,200	754
5,074	849	240	1,777	303	380	2,104	223	1,138	898	765	986	356	1,526	826	381	1,320	280
3,556	901	397	689	852	643	5,496	330	536	776	916	721	233	1,590	2,239	208	2,083	601
1,391	776	225	429	581	957	1,373	323	1,400	209	659	992	497	702	1,082	272	689	1,691
141,629	*22,205*	*6,745*	*36,099*	*9,519*	*9,566*	*57,375*	*6,735*	*33,258*	*24,379*	*21,562*	*25,203*	*8,375*	*42,927*	*27,095*	*11,249*	*33,830*	*9,425*
4,281	858	258	640	370	239	2,921	526	565	1,443	1,580	1,271	234	2,353	678	1,015	790	171
98,335	13,987	4,443	24,137	5,718	5,333	35,149	4,552	20,130	15,441	13,274	17,383	4,992	27,455	18,845	7,731	25,152	5,065
18,134	2,916	765	5,553	1,170	1,440	6,975	951	4,533	3,857	2,900	3,821	1,304	6,205	2,727	1,616	4,465	1,104
7,133	2,274	738	2,809	781	648	3,146	628	2,819	1,585	1,882	2,322	488	3,670	3,481	1,461	3,364	711
15,299	2,734	754	4,742	1,264	1,017	6,189	747	5,084	3,626	2,846	4,006	882	5,857	4,556	2,121	5,453	1,366
6,779	4,443	1,209	3,669	10,977	5,058	19,053	986	2,059	4,227	7,070	1,501	5,196	12,884	8,090	760	9,278	15,170
1,678	1,003	322	901	2,345	1,231	3,992	176	430	824	1,782	391	1,302	3,319	2,069	140	1,690	3,048
1,219	636	302	493	1,073	718	4,033	432	423	433	1,192	348	744	5,410	1,163	73	18,675	1,984
9,676	*6,082*	*1,833*	*5,063*	*14,395*	*7,007*	*27,078*	*1,594*	*2,912*	*5,484*	*10,044*	*2,240*	*7,242*	*21,613*	*11,322*	*973*	*29,643*	*20,202*
6,549	3,810	1,298	3,156	10,793	4,833	18,400	814	2,034	4,376	6,697	1,850	5,250	12,102	7,664	387	7,416	16,432
3,948	1,506	465	1,245	545	883	1,987	1,089	1,334	541	907	1,751	614	1,557	2,409	911	990	963
13,908	4,137	1,588	3,853	2,172	4,225	8,472	4,614	3,277	2,327	4,089	5,607	1,233	5,259	11,141	2,603	5,784	4,860
17,856	*5,643*	*2,053*	*5,098*	*2,717*	*5,108*	*10,459*	*5,703*	*4,611*	*2,868*	*4,996*	*7,358*	*1,847*	*6,816*	*13,550*	*3,514*	*6,774*	*5,823*
4,047	1,415	479	1,299	626	1,085	1,875	890	1,119	541	872	1,909	1,102	1,762	2,680	652	1,086	1,062
252,618	153,881	44,077	149,403	86,907	91,751	242,350	205,099	226,596	135,663	139,144	263,418	43,289	148,018	288,163	100,142	130,976	103,085
7,935	753	308	868	784	425	1,682	692	781	308	742	1,351	341	1,614	585	327	1,293	472
1,757	1,072	319	1,363	609	1,330	2,509	16,627	1,795	953	1,688	2,411	189	1,251	3,004	1,706	905	645
1,007	412	241	301	103	332	663	1,141	589	184	309	615	50	394	673	566	200	248
263,317	*156,118*	*44,945*	*151,985*	*88,403*	*93,838*	*247,204*	*223,559*	*229,761*	*137,108*	*141,883*	*267,795*	*43,869*	*151,277*	*292,425*	*102,741*	*133,374*	*104,450*
540,680	377,039	123,988	348,276	322,426	190,056	463,637	1848708	541,170	232,770	296,125	864,967	211,405	413,376	730,651	356,560	269,461	201,739
630,460	347,392	97,193	312,695	379,946	181,483	471,313	1497976	436,119	230,052	280,598	581,880	203,894	330,535	664,841	353,906	272,658	217,586
5,783	2,010	1,651	5,594	894	3,127	4,292	384	912	2,301	2,452	3,477	648	3,475	2,493	959	2,203	1,450

TABLE 21.— CENSUS TAKEN

	State	Albany	Allegany	Broome	Cattaraugus	Cayuga	Chautamqua	Chemung	Chenango	Clintoa
Crops										
Corn for fodder,† acres, 1917	112,511	1,742	3,655	1,193	5,737	2,474	3,997	1,648	1,642	2,209
Acres expected, 1918	107,824	2,183	3,100	1,306	6,007	2,339	3,075	1,727	1,703	2,909
Oats, acres, 1917	1,083,646	19,140	39,725	12,059	31,253	30,672	26,887	10,619	14,380	17,481
Yield, 1917, bushels	29,916,905	590,741	915,562	251,923	671,257	933,362	653,741	307,678	377,625	425,587
Acres expected, 1918	1,098,769	18,573	41,925	15,085	32,514	28,229	27,509	10,577	16,481	19,040
Barley, acres, 1917	102,297	508	3,643	359	1,645	11,467	1,131	737	525	1,572
Yield, 1917, bushels	2,076,644	8,494	53,410	3,750	16,202	263,668	13,600	11,013	8,243	27,801
Acres expected, 1918	117,690	824	4,433	448	1,356	13,249	1,329	885	698	1,692
Buckwheat, acres, 1917	269,138	13,602	10,167	5,478	10,437	10,310	9,958	6,177	4,238	4,973
Yield, 1917, bushels	3,488,309	100,314	108,875	65,183	132,542	237,503	164,564	81,548	61,248	45,169
Acres, expected, 1918	253,466	8,308	11,928	6,385	8,016	13,455	8,474	7,335	4,401	4,299
Winter wheat, acres, 1917	351,594	1,223	1,785	488	618	21,685	1,324	2,021	228	83
Yield, 1917, bushels	7,229,689	27,640	31,063	6,664	8,380	507,631	18,960	49,576	3,270	1,021
Acres expected, 1918	368,137	1,887	2,233	643	1,221	23,703	2,829	1,762	545	106
Spring wheat, acres, 1917	26,821	261	606	285	764	364	1,059	158	589	1,553
Yield, 1917, bushels	339,664	2,066	6,763	2,866	9,491	3,058	12,235	1,623	8,326	19,436
Acres expected, 1918	49,370	714	1,554	627	1,735	709	1,657	491	1,039	1,910
Rye, acres, 1917	111,458	8,008	599	717	151	572	423	2,018	130	234
Yield, 1917, bushels	1,610,075	124,512	10,786	7,042	1,131	10,896	5,198	24,356	1,899	3,718
Acres expected, 1918	98,884	8,563	551	627	177	647	505	1,545	224	378
Field beans, acres, 1917	218,742	1,884	6,031	346	831	2,833	1,091	1,025	477	4,433
Yield, 1917, bushels	1,477,061	6,977	50,737	1,266	3,775	19,365	4,776	5,396	3,732	27,231
Acres expected, 1918	155,652	1,065	5,176	386	732	2,391	855	926	552	4,007
Alfalfa, acres, 1917	146,221	1,288	1,786	489	974	11,532	870	533	355	869
Yield, 1917, tons	323,261	2,537	4,069	1,183	2,420	24,502	2,312	970	855	3,202
Acres expected, 1918	152,974	1,352	1,482	655	1,277	10,233	1,000	404	379	1,019
Other hay, acres, 1917	3,970,379	70,124	132,812	75,419	115,167	83,632	92,711	35,425	122,393	71,377
Yield, 1917, tons	5,253,923	75,906	164,167	87,443	156,496	103,583	151,158	21,221	165,668	106,442
Acres expected, 1918	3,396,984	53,846	115,724	62,718	101,287	58,399	79,863	29,799	120,629	71,234
Cabbage, acres, 1917	47,344	826	220	325	259	2,125	514	227	835	102
Yield, 1917, tons	330,038	4,531	2,124	2,121	2,693	10,790	1,434	3,927	4,699	816
Acres expected, 1918	49,500	782	332	417	272	1,834	536	140	983	95
Potatoes, acres, 1917	348,269	2,967	10,546	6,363	6,191	6,175	5,887	3,021	4,762	11,149
Yield, 1917, bushels	29,359,635	135,630	766,689	293,267	483,703	559,962	479,978	125,052	345,711	1,060,957
Acres expected, 1918	309,625	3,339	8,929	4,608	6,193	5,622	5,434	2,786	4,340	9,763
Hops, acres, 1917	4,316	2	......	6	17	10	......	......	44	5
Yield, 1917, pounds	1,986,998	444	......	443	7	185	......	......	28,252	1,003
Acres expected, 1918	3,459	16	......	3	2	16	......	......	28	5
Tobacco, acres, 1917	2,095	......	......	......	......	275	......	339	......	......
Yield, 1917, pounds	2,294,049	......	......	68	......	259,752	......	595,687	......	......
Acres expected, 1918	1,963	1	......	1	1	204	......	379	......	......
Nursery stock and flowers, acres 1917	6,258	60	102	69	3	59	294	16	5	101
Acres expected, 1918	4,737	43	47	41	5	34	143	7	3	12
Root crops raised for stock food, acres, 1917	18,032	227	430	166	711	549	890	78	192	453
Acres expected, 1918	14,702	135	430	152	436	212	699	48	231	69
Canning factory crops, acres, 1917	43,608	318	181	108	383	1,013	1,090	6	78	168
Acres expected, 1918	29,516	271	97	53	187	368	634	15	49	62
Other vegetables and garden crops, acres, 1917	84,624	3,696	899	774	1,161	1,011	3,377	501	559	727
Acres expected, 1918	73,988	2,153	869	682	937	962	2,029	480	542	1,033
Total acres of crops, 1917	*7,596,788*	*135,845*	*222,941*	*109,862*	*187,559*	*210,038*	*168,665*	*70,095*	*160,818*	*125,292*
Total acres of crops expected in 1918	*7,052,097*	*113,304*	*210,343*	*102,459*	*176,260*	*186,266*	*156,209*	*65,693*	*164,803*	*128,352*
Fruits										
Apples, all acreage whether bearing or not, acres, 1917	385,737	9,773	7,104	4,351	6,716	8,820	6,832	2,191	4,024	5,158
Yield, 1917, bushels	8,994,136	233,893	60,780	75,288	48,240	144,354	33,043	45,240	185,411	93,627
Peaches, all acreage whether bearing or not, acres, 1917	53,470	275	39	48	37	174	373	152	......	......
Yield, 1917, bushels	3,250,379	8,447	42	191	162	1,507	2,177	807	......	......
Pears, all acreage whether bearing or not, acres, 1917	41,031	1,190	120	88	89	497	265	111	30	22
Yield, 1917, bushels	1,646,947	72,467	2,073	2,663	2,032	17,619	5,176	960	1,115	803
Plums, all acreage whether bearing or not, acreas, 1917	10,249	284	78	74	95	132	373	25	21	51
Yield, 1917, pounds	3,779,099	132,091	11,395	24,250	4,401	11,227	69,012	25,725	15,326	20,169
Cherries, all acreage whether bearing or not, acres, 1917	12,989	269	148	65	45	71	551	102	5	26
Yield, 1917, pounds	8,689,203	18,423	1,942	60,420	746	4,245	250,419	9,283	3,840	4,317
Quinces, all acreage whether bearing or not, acres, 1917	3,277	15	2	......	......	25	24	5	......	......
Yield, 1917, bushels	113,834	60	5	......	4	126	1,523	75	......	......
Vineyards, all acreage whether bearing or not, acres, 1917	56,126	133	1	3	832	113	22,688	11	1	3
Yield, 1917, pounds	98,451,910	12,814	182	2,700	4,066,000	61,789	45,496,000	4,503	420	984
Small fruits, all acreage whether bearing or not, acres, 1917	32,893	1,136	139	202	273	270	1,498	131	110	57
Total acres of all fruits, 1917	*595,772*	*13,075*	*7,631*	*4,831*	*8,087*	*10,102*	*32,604*	*2,723*	*4,191*	*5,317*
Woods, not pastured, acres	2,000,249	29,109	43,567	43,562	45,478	21,663	29,912	21,863	38,175	46,920
Woods, pastured, acres	2,138,130	15,268	84,472	31,788	106,312	26,049	77,175	12,999	55,402	96,641
Tillable pastures, acres	2,283,893	27,432	61,619	54,894	100,239	29,519	74,796	25,609	71,443	25,418
Other pastures not included above	2,398,295	20,010	98,632	43,045	109,342	27,179	72,573	12,613	115,097	56,835
Acres of tillable land which in 1917 were lying idle or fallow	509,761	12,362	16,592	10,291	8,586	7,614	8,589	8,472	12,060	4,918
Acres of land on which crops were sown or planted in 1917, but were not harvested on account of crop failure	220,648	2,274	5,146	3,506	3,401	4,141	5,531	1,914	2,528	2,447
Acres of land on which crops were raised in 1917 but were not harvested	113,839	1,678	4,100	2,377	2,557	1,772	2,402	1,298	2,157	2,150
Acres of waste land, farmstead, roads and lanes	709,637	11,571	16,445	9,327	15,142	32,439	18,068	6,537	11,664	10,623
Totol acres with use reported										
Total acres	*19,091,858*	*266,105*	*610,070*	*336,672*	*603,427*	*376,603*	*507,032*	*171,992*	*474,413*	*427,130*
Gallons of maple syrup produced in 1917	1,410,265	1,844	61,301	10,393	74,816	7,696	119,480	2,395	41,115	41,535
Pounds of maple sugar produced in 1917	2,154,089	1,893	96,538	14,199	138,600	12,464	119,441	962	97,104	20,097
Cords of firewood cut, 1917 (4 ft. x 4 ft. x 8 ft.)	2,646,123	20,272	84,837	56,122	96,329	43,187	98,427	26,121	87,535	55,076
Cords of firewood sold, 1917 (4 ft. x 4 ft. x 8 ft.)	475,286	2,915	14,814	7,911	20,389	4,565	15,068	5,266	12,855	15,482
Fertilizer and lime:										
Tons of commercial fertilizer used in 1917	349,395	12,272	5,751	2,167	5,986	6,599	10,358	1,213	3,683	5,019
Tons of commercial fertilizer expected to be used in 1918	318,851	9,304	4,911	2,126	6,879	8,166	8,811	1,474	3,550	3,562
Tons of lime used in 1917	154,094	1,676	5,887	6,905	7,512	2,116	6,410	1,963	5,564	589
Tons of lime expected to be used in 1918	192,150	1,306	9,815	9,238	11,731	1,861	8,504	3,245	6,996	705

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* The yields in 1917 are in some cases incomplete, see page 17.

† Corn or sorghum grown for green feed or for fodder only.

FEBRUARY 1, 1918 — (*Continued*)

Columbia	Cortland	Delaware	Dutchess	Erie	Essex	Franklin	Fulton	Genesee	Greene	Herkimer	Jefferson	Lewis	Livingston	Madison	Monroe	Montgomery	Nassau
1,610	1,197	1,970	1,739	3,980	766	3,326	378	1,281	709	1,968	4,914	2,167	1,680	1,695	2,890	888	546
1,280	865	1,446	1,319	3,927	766	3,299	964	924	682	1,653	5,481	2,296	1,276	1,431	4,099	905	356
14,061	10,308	15,138	16,878	43,176	8,498	20,688	6,766	16,804	7,189	9,526	72,980	22,621	27,305	17,409	32,107	21,011	473
351,926	246,136	341,267	501,962	1,197,079	183,416	460,358	159,087	665,658	180,984	236,427	2,495,955	560,995	803,813	289,486	1,242,982	421,527	6,364
14,262	10,725	18,999	18,744	42,955	8,358	23,921	6,440	15,871	7,258	14,739	73,393	25,201	27,288	18,383	28,863	19,381	275
311	663	214	441	1,461	497	1,567	265	4,287	141	899	2,470	1,277	3,153	2,902	5,992	1,024	14
3,139	11,828	2,397	4,207	22,050	7,699	36,786	3,571	118,764	1,353	14,556	49,059	22,547	76,886	54,932	120,755	11,509	55
251	806	411	330	1,984	514	2,011	422	6,649	247	1,149	2,685	1,408	5,647	3,068	5,503	1,048	14
5,434	3,166	8,606	5,393	9,196	1,570	2,136	2,027	1,790	5,209	2,224	2,779	1,150	2,690	9,450	2,835	4,718	74
69,456	51,083	107,310	59,747	151,938	21,030	23,989	16,546	25,346	69,972	19,924	29,553	15,034	42,534	63,754	35,853	37,071	780
4,720	2,978	7,680	4,442	7,883	1,709	2,188	1,931	1,967	4,641	1,689	2,320	1,255	3,126	7,071	1,777	3,955	73
564	322	32	2,929	17,491	72	85	158	29,870	810	85	329	37	30,369	2,290	42,562	1,136	372
5,500	5,620	172	34,795	252,860	972	1,152	1,500	581,915	12,266	1,359	3,468	231	830,602	41,225	845,500	12,971	5,513
1,248	491	137	3,554	19,692	100	390	279	32,359	1,025	248	673	82	26,556	2,934	44,027	1,176	268
288	234	168	419	1,219	511	2,331	81	125	92	288	3,348	316	302	466	531	256	74
3,964	2,652	1,723	4,216	14,412	6,724	36,274	619	2,019	977	2,669	44,452	3,353	5,185	4,986	6,884	3,070	746
678	469	514	589	2,169	823	2,776	160	295	313	479	4,748	614	1,826	866	454	597	44
14,711	84	275	4,426	3,442	176	515	186	2,326	2,515	38	342	135	4,437	137	4,524	223	645
174,075	1,260	2,978	53,024	36,535	1,451	7,995	1,600	39,189	43,833	178	3,420	1,276	77,141	1,449	66,429	2,391	7,936
12,582	88	447	4,596	2,772	199	802	366	1,744	2,954	138	210	128	3,183	148	2,735	321	454
509	382	290	441	9,235	1,403	1,915	313	18,835	504	409	2,755	411	37,010	1,109	11,076	816	547
3,226	2,666	1,951	2,953	46,547	7,371	13,682	1,157	101,158	2,379	2,477	23,738	2,441	325,245	6,391	42,751	4,391	9,311
546	302	275	436	5,462	1,238	1,782	200	10,825	478	534	2,603	458	19,737	1,239	6,045	958	166
552	668	114	1,132	1,873	531	183	106	6,150	467	1,198	2,319	828	6,844	16,779	6,344	1,729	243
1,238	1,764	220	1,553	3,954	1,425	433	316	13,791	1,091	4,192	4,167	2,067	16,735	31,295	14,070	3,540	618
725	663	127	1,613	2,024	528	371	168	5,895	465	1,370	2,561	1,031	6,792	21,790	5,574	1,861	206
65,703	59,924	148,250	86,276	107,641	44,161	89,838	33,247	38,289	49,820	80,798	198,271	86,393	64,492	76,580	49,591	73,588	4,257
60,547	80,780	223,899	127,237	160,825	55,245	109,274	43,282	52,224	50,462	119,181	257,514	120,354	84,336	103,906	68,638	86,029	5,433
49,403	49,347	139,714	72,425	88,477	36,477	73,481	23,099	31,586	41,558	70,183	177,800	76,998	55,670	62,099	40,172	57,577	3,127
331	1,551	204	196	1,319	97	80	133	930	108	268	238	249	1,042	968	4,262	244	2,510
952	8,677	1,064	175	5,054	481	445	1,324	4,745	342	1,427	2,061	623	8,463	2,858	20,500	1,113	21,717
173	1,524	285	221	1,508	88	105	232	1,053	118	255	244	185	1,553	1,009	4,015	233	1,940
2,847	4,256	4.979	3,933	15,839	2,674	7,868	3,249	7,107	1,876	3,489	5,089	3,418	7,471	4,250	16,305	2,011	11,036
210,199	316,186	297,835	248,230	1163359	279,978	1148625	243,261	731,531	120,681	209,967	347,824	353,343	784,722	318,775	1,546,098	110,628	875,279
2,244	3,080	4,452	3,771	15,823	2,548	10,692	2,041	7,241	2,007	2,623	4,188	3,173	7,669	3,409	14,679	1,780	9,905
9	......	2	....	......	......	313	......	33	......	21	1	19	28	1,205	11	55	......
20,884	......	......	......	......	......	187,911	......	1,254	......	10,671	30	13,777	825	189,122	2,528	15,912	......
22	......	1	......	......	......	274	......	21	......	22	1	21	5	935	7	51	......
2	......	......	28	......	......	1	......	......	......	......	......	3	......	......	......	......	......
20	......	10	35,444	......	......	85	......	......	......	......	......	320	520	200	200	......	......
......	......	......	28	......	......	1	......	......	......	......	......	1	2	......	7	......	......
62	11	20	186	130	......	18	......	136	7	10	16	9	1,020	33	968	32	439
52	13	18	39	84	......	17	......	110	5	11	18	5	746	29	1,037	32	216
734	92	74	324	419	278	285	146	190	128	295	249	356	190	223	1,190	208	645
266	88	160	292	383	164	304	128	148	122	219	159	262	253	220	565	78	422
26	546	6	76	2,716	8	5	9	2,094	4	106	459	10	4,782	2,832	2,457	33	451
29	335	19	177	2,143	18	16	18	895	7	69	92	19	4,395	1,504	1,291	38	672
965	451	882	1,716	4,961	635	733	276	714	641	672	1,183	560	1,383	2,086	2,974	610	3,732
889	435	978	1,702	4,009	595	667	264	625	562	579	1,084	443	1,170	2,046	2,126	656	3,285
124,262	*89,349*	*189,418*	*156,445*	*243,952*	*67,867*	*140,955*	*50,875*	*140,943*	*77,135*	*110,073*	*323,271*	*128,040*	*204,883*	*154,810*	*204,069*	*119,400*	*31,389*
107,599	*78,946*	*184,195*	*140,682*	*224,243*	*59,834*	*134,076*	*41,247*	*131,067*	*69,650*	*105,145*	*308,482*	*123,148*	*179,345*	*144,980*	*193,471*	*108,292*	*26,675*
12,413	2,572	6,250	13,948	10,254	2,698	1,279	865	7,014	8,237	1,820	2,250	753	5,721	4,300	24,657	2,705	566
1,114.918	59,789	185,831	797,415	31,818	45,229	24,701	7,035	37,572	394,283	28,736	28,091	7,514	31,075	107,967	470,814	54,690	9,321
609	1	2	1,027	496	10	......	......	256	590	3	6	3	459	46	9,653	7	132
11,284	43	13	20,086	1,508	......	5	......	5,006	5,038	11	10	10	15,471	468	602,738	122	3,135
3,535	40	82	954	821	20	1	8	958	1,808	20	8	1	238	94	4,356	116	20
87,178	676	1,476	20,396	18,636	......	56	116	28,371	52,937	503	249	3	2,844	1,570	368,145	2,045	2,173
118	43	58	171	780	25	5	15	218	77	29	15	12	90	177	930	78	34
19,361	14,330	28,138	33,515	70,712	......	869	1,169	54,961	28,845	13,276	3,600	13,000	113,970	22,784	835,393	1,538	247
957	30	42	228	191	50	2	7	108	199	26	13	7	126	118	1,624	63	9
625,193	13,647	7,533	65,858	31,535	......	2,428	375	16,499	75,027	14,722	3,408	5,800	6,125	79,789	895,070	18,821	580
33	......	......	25	51	......	......	......	13	6	......	......	......	21	......	431	......	3
338	4	......	47	3,259	......	......	......	296	12	......	......	......	94	......	8,203	......	173
1,258	1	1	278	7,441	10	......	3	34	18	1	1	......	243	13	771	46	2
2,089,460	252	572	348,629	6790424	......	......	245	4,784	18,380	1,347	1,331	100	361,808	14,450	783,978	53,575	2,096
1,157	49	123	609	3,978	60	79	103	210	200	143	229	218	211	191	2,247	110	170
20,080	*2,736*	*6,558*	*17,240*	*24,012*	*2,873*	*1,366*	*1,001*	*8,811*	*11,135*	*2,042*	*2,522*	*994*	*7,109*	*4,939*	*44,669*	*3,125*	*936*
45,463	14,700	143,286	49,851	18,651	87,011	60,545	21,267	12,349	39,975	22,997	23,932	40,798	24,892	15,545	12,347	13,309	9,701
14,314	31,297	82,488	24,711	58,812	137,882	52,576	18,898	19,391	27,513	28,241	78,606	76,340	28,664	34,767	12,144	11,336	925
41,957	37,044	110,743	75,005	47,715	28,739	34,916	13,654	17,518	23,755	46,927	82,861	60,262	40,788	64,478	21,469	26,774	3,804
20,824	42,370	128,175	37,070	47,615	29,361	86,604	17,282	15,605	35,818	49,871	108,711	75,527	21,098	45,391	12,208	11,317	1,370
13,899	5,191	9,465	14,193	13,025	6,064	6,387	9,060	7,819	8,900	6,849	6,107	7,879	7,881	14,449	9,873	4,074	829
2,020	1,570	1,671	1,912	13,938	954	1,079	3,480	9,619	1,282	1,177	3,614	1,719	9,860	3,038	11,945	5,836	555
2,420	711	1,183	2,021	3,362	424	789	630	3,338	1,209	1,807	2,034	1,016	3,636	2,578	3,218	2,379	517
10,811	7,241	14,477	18,880	19,943	7,736	11,438	4,964	11,658	9,975	13,992	19,689	13,793	16,046	13,153	15,629	6,795	3,695
303,085	*241,524*	*699,713*	*378,989*	*480,187*	*368,803*	*362,152*	*209,630*	*251,722*	*249,585*	*233,975*	*682,420*	*415,063*	*369,438*	*349,284*	*336,863*	*208,926*	*56,410*
685	40,832	144,709	403	52,818	11,397	48,102	10,587	5,963	28,009	12,932	67,999	88,119	1,004	22,856	1,320	3,429	......
338	59,038	101,593	526	37,103	65,543	92,610	4,062	1,395	68,912	5,552	112,868	143,922	1,011	17,274	273	273	......
22,050	43,261	126,004	33,270	63,850	34,652	50,041	21,755	36,197	42,343	38,231	89,060	64,699	53,046	52,911	31,411	12,254	5,019
8,596	5,767	27,922	6,298	9,372	9,969	22,769	8,274	3,593	7,345	5,158	11,585	10,969	8,524	6,919	3,269	1,119	1,472
2,926	2,964	3,346	6,775	18,284	1,279	6,193	330	7,393	2,084	847	5,689	3,370	6,287	5,785	25,170	2,292	19,866
2,834	2,760	3,443	6,665	16,139	1,466	6,184	317	6,452	2,100	1,772	6,194	3,361	6,490	5,463	19,896	1,779	18,311
1,043	4,625	7,920	5,395	2,838	390	1,507	75	1,303	694	923	1,626	1,631	1,624	1,961	4,081	399	2,147
1,573	5,534	10,275	5,461	4,669	638	1,505	80	1,385	1,157	905	1,868	1,892	2,054	2,697	8,053	550	2,715

TABLE 21.— CENSUS TAKEN

	Niagara	Oneida	Onondaga	Ontario	Orange	Orleans	Oswego	Otsego	Putnam	Rensselaer	Rockland
Crops											
Corn to be husked for grain, acres, 1917	5,111	5,639	10,985	12,425	11,647	5,195	7,432	5,039	1,273	9,070	1,865
Yield, 1917, bushels shelled	37,147	157,413	281,008	415,626	294,229	76,577	51,295	90,975	33,094	137,024	34,987
Acres expected, 1918	14,308	8,890	13,598	15,465	11,467	6,993	10,729	5,386	1,415	9,167	1,729
Corn for the silo, acres, 1917	2,211	14,374	11,977	2,257	5,495	2,632	11,303	9,008	1,622	3,323	372
Yield, 1917, tons	6,524	115,043	85,649	15,882	44,679	8,013	70,730	65,840	14,289	26,804	1,747
Acres expected, 1918	3,418	14,107	11,559	2,206	5,299	2,024	11,927	9,311	1,499	3,026	371
Corn for fodder,* acres, 1917	2,702	3,309	2,801	1,592	1,773	1,420	4,097	2,496	279	1,119	300
Acres expected, 1918	3,506	3,406	2,273	1,086	1,280	1,024	3,232	2,179	174	1,683	530
Oats, acres, 1917	27,542	26,406	28,222	23,454	6,528	14,402	20,962	22,070	1,052	14,692	880
Yield, 1917, bushels	855,276	614,551	850,842	1,048,367	148,715	465,081	485,842	565,193	22,984	356,411	13,608
Acres expected, 1918	25,248	26,245	28,040	23,538	6,528	14,085	22,163	21,696	947	15,170	731
Barley, acres, 1917	3,237	1,909	7,051	8,203	138	4,244	559	1,400	27	198	40
Yield, 1917, bushels	50,104	30,980	176,309	227,581	1,732	115,798	7,503	22,497	35	3,264	105
Acres expected, 1918	3,821	1,831	7,551	8,574	159	5,607	776	1,666	11	262	10
Buckwheat, acres, 1917	1,715	4,121	4,314	2,393	1,751	1,295	6,402	8,887	261	4,753	294
Yield, 1917, bushels	24,937	55,730	73,563	33,616	20,572	17,039	77,695	99,700	2,040	59,906	2,362
Acres expected, 1918	2,329	4,100	3,795	2,037	1,498	1,146	5,307	8,828	202	3,560	306
Winter wheat, acres, 1917	23,049	1,312	11,553	29,830	2,088	23,735	1,276	368	29	129	119
Yield, 1917, bushels	441,833	25,759	279,877	683,175	28,685	467,300	20,447	5,763	305	1,593	833
Acres expected, 1918	30,070	3,562	13,143	30,291	2,440	24,061	1,650	694	53	342	126
Spring wheat, acres, 1917	357	393	587	246	126	62	276	882	15	356	19
Yield, 1917, bushels	6,602	4,002	10,099	5,371	1,548	1,394	3,553	5,743	136	3,348	285
Acres expected, 1918	482	959	1,385	1,065	383	288	758	1,200	43	473	34
Rye, acres, 1917	1,718	498	652	2,837	2,155	930	1,208	175	179	11,858	523
Yield, 1917, bushels	24,469	7,404	9,598	50,123	36,056	15,074	13,308	1,923	1,277	243,387	4,767
Acres expected, 1918	1,210	400	632	1,795	2,032	1,061	1,096	409	153	9,659	298
Field beans, acres, 1917	2,616	1,281	3,012	13,884	287	9,640	1,736	1,412	59	1,389	124
Yield, 1917, bushels	6,312	14,127	20,488	82,353	1,800	38,561	12,454	7,174	357	8,690	730
Acres expected, 1918	2,848	2,834	2,437	8,564	270	5,133	1,692	1,052	22	961	86
Alfalfa, acres, 1917	1,218	5,993	35,729	9,133	1,255	1,483	637	1,470	116	238	98
Yield, 1917, tons	3,003	15,060	79,382	19,155	3,022	3,238	1,323	4,197	207	612	285
Acres expected, 1918	1,245	7,370	35,095	8,343	1,120	1,977	876	1,738	143	323	68
Other hay, acres, 1917	63,485	146,098	75,918	55,798	75,436	26,037	83,020	130,063	14,382	60,307	5,246
Yield, 1917, tons	78,569	226,700	109,003	79,773	102,825	46,947	120,234	169,650	15,937	70,350	6,202
Acres expected, 1918	47,927	144,426	66,006	57,909	60,964	28,252	69,478	108,240	11,073	44,640	3,405
Cabbage, acres, 1917	1,960	681	4,873	6,070	350	1,880	559	590	26	269	323
Yield, 1917, tons	6,625	4,088	27,784	57,828	792	5,820	6,708	5,589	445	1,864	3,500
Acres expected, 1918	1,969	689	4,324	6,930	371	1,823	1,002	466	20	563	200
Potatoes, acres, 1917	4,610	8,450	11,438	10,916	4,371	3,429	7,030	7,519	673	6,541	954
Yield, 1917, bushels	142,102	1,086,570	1,232,432	1,027,372	276,697	219,662	596,807	453,653	57,739	530,351	29,679
Acres expected, 1918	4,220	8,641	10,347	8,524	4,368	2,793	5,666	4,341	530	8,520	577
Hops, acres, 1917	....	980	30	197	....	......	6	629	......	4	....
Yield, 1917, pounds	....	786,471	1,126	134,913	....	......	288	318,324	......	110	....
Acres expected, 1918	....	932	30	149	....	......	2	425	......	2	....
Tobacco, acres, 1917	....	1	904	....	....	......	75	......	......	......	....
Yield, 1917, pounds	....	500	867,031	....	....	......	69,580	......	......	......	....
Acres expected, 1918	....	1	831	....	....	......	83	......	......	2	....
Nursery stock and flowers, acres, 1917	27	41	112	854	....	7	70	38	16	118	50
Acres expected, 1918	23	28	72	631	....	5	94	32	4	89	38
Root crops raised for stock food, acres, 1917	330	579	419	346	247	465	392	390	19	392	143
Acres expected, 1918	397	664	307	291	302	896	667	504	30	133	40
Canning factory crops, acres, 1917	2,256	5,098	1,110	2,141	82	4,073	1,480	144	......	38	27
Acres expected, 1918	1,781	3,521	612	2,201	108	2,030	756	161	1	61	20
Other vegetables and garden crops, acres, 1917	1,898	2,471	2,589	1,681	4,584	994	2,214	1,030	172	1,206	476
Acres expected, 1918	1,647	3,011	2,158	1,237	3,944	703	1,851	1,235	125	946	685
Total acres of crops, 1917	*146,042*	*229,633*	*214,276*	*189,257*	*118,313*	*101,928*	*160,734*	*198,610*	*20,200*	*116,050*	*11,858*
Total acres of crops expected in 1918	*146,449*	*235,617*	*204,195*	*180,836*	*102,533*	*99,901*	*139,805*	*169,563*	*16,445*	*99,582*	*9,254*
Fruits											
Apples, all acreage whether bearing or not, acres, 1917	25,105	5,983	7,137	14,283	6,518	23,062	7,207	5,673	1,413	6,156	1,835
Yield, 1917, bushels	417,638	89,302	112,208	311,992	197,832	646,304	136,884	188,786	59,856	144,928	53,955
Peaches, all acreage whether bearing or not, acres, 1917	14,325	....	74	1,414	2,542	5,045	190	......	74	102	848
Yield, 1917, bushels	1,351,787	....	794	24,471	78,016	649,289	2,714	......	2,971	1,214	15,928
Pears, all acreage whether bearing or not, acres, 1917	7,357	127	234	1,250	910	4,657	1,790	73	27	523	228
Yield, 1917, bushels	292,379	2,531	4,374	43,311	26,025	194,133	60,001	2,128	1,182	27,395	3,134
Plums, all acreage whether bearing or not, acres, 1917	2,196	99	159	473	142	344	239	228	3	153	92
Yield, 1917, pounds	105,512	15,901	38,577	623,728	30,686	713,831	29,191	13,931	500	8,230	786
Cherries, all acreage whether bearing or not, acres, 1917	1,536	52	437	675	230	404	261	123	8	79	70
Yield, 1917, pounds	2,375,902	12,541	172,953	406,583	99,955	480,089	50,613	3,912	3,785	9,199	19,271
Quinces, all acreage whether bearing or not, acres, 1917	1,182	....	2	68	13	793	6	......	3	1	50
Yield, 1917, bushels	71,489	....	62	735	207	17,353	91	......	6	117	556
Vineyards, all acreage whether bearing or not, acres, 1917	1,711	....	122	1,805	758	133	40	26	2	22	....
Yield, 1917, pounds	3,479,616	....	237,595	3,148,732	1,498,385	232,205	97,292	774	560	220	....
Small fruits, all acreage whether bearing or not, acres, 1917	1,636	663	521	1,766	885	372	1,160	748	37	582	338
Total acres of all fruits, 1917	*55,048*	*6,924*	*8,686*	*21,784*	*11,998*	*34,810*	*10,893*	*6,871*	*1,567*	*7,617*	*3,461*
Woods, not pastured, acres	9,221	47,303	26,625	22,658	36,930	7,828	36,708	59,578	25,248	32,822	10,352
Woods, pastured, acres	10,113	71,537	23,837	22,090	25,300	9,846	60,196	44,432	6,467	26,112	2,686
Tillable pastures, acres	18,206	100,561	46,542	25,358	50,461	13,045	63,415	88,090	9,559	28,346	2,503
Other pastures not included above	8,242	118,209	32,048	35,946	42,793	9,996	62,842	77,208	11,832	22,226	2,419
Acres of tillable land which in 1917 were lying idle or fallow	11,794	14,516	18,016	7,026	7,799	6,254	12,871	8,903	2,542	10,239	2,430
Acres of land on which crops were sown or planted in 1917 but were not harvested on account of crop failure	18,440	4,044	5,124	5,633	1,659	9,748	2,756	3,051	243	1,580	524

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* Corn or sorghum grown for green feed or for fodder only.

FEBRUARY 1, 1918 — (*Conctinued*)

St. Lawrence	Saratoga	Schenectady	Schoharie	Schuyler	Seneca	Steuben	Suffolk	Sullivan	Tioga	Tompkins	Ulster	Warren	Washington	Wayne	Westchester	Wyoming	Yates
7,479	9,102	2,399	2,444	2,492	6,967	4,771	14,382	3,290	2,158	3,763	8,436	2,978	13,554	17,395	3,281	769	6,154
80,262	154,363	35,180	59,873	45,679	106,959	80,079	746,531	60,547	40,005	83,359	233,002	38,279	288,033	298,784	90,897	13,476	153,238
13,174	10,780	2,964	3,577	2,946	7,550	7,132	13,748	6,787	3,783	5,243	12,743	2,863	13,068	18,579	3,385	1,820	6,981
23,273	4,524	1,313	4,659	891	1,127	7,152	943	2,349	4,484	3,791	2,804	863	8,764	6,501	2,662	6,616	592
141,703	24,268	9,172	31,450	5,044	6,259	41,035	8,178	12,919	31,316	22,893	18,445	5,914	66,251	36,586	17,838	36,270	3,619
37,076	3,628	1,247	4,953	1,112	1,140	7,606	939	2,588	4,999	3,886	2,419	1,021	10,470	5,828	1,999	6,710	746
8,799	1,645	869	1,294	1,190	1,344	3,773	733	970	1,093	1,429	1,218	349	1,429	2,711	1,110	1,869	797
7,455	1,116	969	1,199	868	1,169	3,662	633	988	1,156	1,266	1,552	486	1,212	2,361	871	2,325	845
64,641	13,394	7,038	20,262	12,764	14,789	55,815	2,557	6,642	14,851	17,205	8,444	1,687	21,278	28,401	1,605	22,085	13,833
1,666,921	333,083	123,880	482,076	296,426	462,580	1,724,447	74,074	166,441	390,425	438,718	211,665	38,376	642,918	948,900	36,708	619,648	449,851
72,894	12,196	6,727	19,902	13,722	13,449	51,582	2,569	7,234	14,749	15,459	7,998	2,050	20,139	26,505	2,677	29,398	10,157
3,120	253	284	1,002	1,322	3,553	4,906	102	108	401	2,231	349	26	414	3,827	33	1,745	2,540
49,236	2,934	3,904	16,967	26,301	77,199	72,293	1,851	503	5,246	39,077	2,497	171	6,708	76,659	549	30,496	59,880
2,722	251	352	1,119	1,911	3,007	5,329	76	95	663	2,609	342	48	432	3,981	55	2,694	2,684
2,919	5,887	2,645	11,029	5,070	3,790	14,396	421	4,036	8,756	7,696	5,010	1,594	2,796	4,509	335	4,168	2,136
33,847	64,152	35,734	118,738	77,616	88,346	223,425	3,887	39,763	104,263	120,580	62,921	19,857	38,761	50,029	5,104	60,076	36,184
2,837	5,451	2,193	9,110	6,445	4,136	14,845	425	4,370	10,077	8,256	4,361	1,979	2,287	3,576	396	3,372	2,236
200	510	114	774	4,724	17,065	8,507	3,259	113	1,563	7,437	2,446	44	259	23,732	273	14,953	13,165
2,139	5,962	1,466	15,362	81,451	385,006	128,965	63,335	1,434	22,789	128,400	34,442	550	4,832	488,513	2,824	307,319	307,504
274	646	148	1,233	3,787	13,875	7,713	2,576	171	1,792	6,534	2,223	66	592	24,922	454	12,359	12,172
3,057	130	148	262	157	229	838	176	57	128	124	186	46	234	474	52	308	208
40,168	1,267	1,041	2,470	1,795	5,264	8,529	3,412	454	1,985	1,856	2,804	403	3,281	3,571	188	4,253	4,062
3,790	363	221	531	476	1,521	1,928	213	132	508	459	456	100	625	351	85	1,129	562
406	4,085	1,967	1,533	2,184	1,038	4,848	1,671	1,618	1,108	787	4,658	304	3,718	1,870	637	1,073	3,231
3,144	63,663	30,484	25,176	30,773	16,119	64,616	22,734	18,820	11,880	10,440	52,164	2,334	54,712	28,266	7,780	15,456	32,430
354	4,806	2,047	1,468	1,422	652	3,143	1,344	1,790	1,061	693	4,039	310	3,322	1,772	871	1,580	2,381
2,365	900	406	814	8,164	4,341	5,960	722	188	719	3,964	684	423	1,838	12,615	135	23,146	9,007
15,170	4,479	2,249	6,929	59,650	21,798	33,201	5,296	1,427	2,997	30,409	6,648	2,327	9,670	86,105	1,179	200,949	70,442
1,960	807	407	1,050	6,127	2,882	5,036	556	203	572	3,284	644	395	2,627	8,764	210	17,816	7,039
1,336	627	268	1,418	689	1,643	2,058	602	166	284	1,950	794	198	795	4,966	272	1,808	2,171
3,598	976	434	3,224	2,234	3,799	4,295	1,318	366	768	4,100	1,572	193	1,842	11,028	419	4,165	4,927
1,768	355	251	1,529	760	1,530	2,231	566	107	439	1,603	991	219	755	4,726	446	2,670	2,165
165,736	61,472	26,269	74,981	39,521	35,209	163,567	8,860	62,539	54,637	55,088	45,707	26,972	88,969	50,128	22,739	63,362	32,654
311,106	64,567	29,149	81,786	45,946	50,033	165,569	12,763	66,238	55,999	69,260	79,898	16,362	106,794	75,262	25,688	86,060	44,003
156,408	47,816	17,650	61,872	28,767	26,914	134,993	6,063	62,587	41,228	49,298	38,692	24,178	73,386	41,414	17,297	55,949	24,469
232	377	232	93	62	679	348	1,346	203	124	419	468	103	272	3,398	315	358	571
941	1,728	1,401	382	1,621	5,201	3,128	29,702	465	995	1,660	3,316	1,446	1,775	18,166	9,333	6,074	6,505
264	354	716	74	91	652	335	1,193	133	169	597	977	97	137	3,574	348	511	789
7,032	6,468	960	3,081	4,835	2,067	24,411	19,248	3,464	4,747	3,686	5,138	1,976	11,947	8,533	2,411	5,949	1,627
882,238	301,365	36,856	189,927	145,089	112,382	1,514,641	3,395,290	238,827	250,855	227,806	207,548	137,238	866,072	691,630	132,882	649,610	168,842
7,659	4,521	858	2,917	4,754	1,238	16,946	18,745	3,446	3,513	2,708	3,830	1,724	8,884	7,565	2,602	5,025	1,824
5	5	......	616	2	......	24	......	......	......	1	12	......	......	23	1	......	......
1,710	437	......	261,130	351	......	3,731	2	......	31	50	3,807	10	......	302	107	850	......
7	3	1	446	......	......	13	......	......	4	1	2	......	......	11	1	......	......
2	......	......	......	......	......	361	1	......	31	......	1	1	15	55	......	......	......
470	......	......	......	......	......	365,776	1,500	......	4,500	15	535	......	835	90,951	50	......	......
......	3	......	......	......	......	305	2	......	26	......	2	......	15	67	......	1	......
25	40	6	82	36	21	38	307	25	1	18	78	4	2	336	82	7	11
12	22	6	81	32	19	13	234	34	4	6	31	5	3	295	142	11	4
381	492	56	43	80	142	223	780	107	69	69	297	218	80	889	203	178	251
355	146	104	37	28	75	175	795	135	65	61	244	183	63	877	135	233	115
34	50	110	25	30	701	1,393	222	22	1	99	258	4	......	3,803	72	112	258
36	159	102	11	40	451	804	176	9	14	72	213	7	......	2,408	44	80	165
1,442	1,227	750	639	339	492	1,199	9,280	950	445	560	2,077	1,230	565	4,169	1,200	505	370
1,084	985	391	559	360	658	985	7,453	1,054	314	582	2,514	1,121	526	4,284	817	650	307
292,485	*111,188*	*46,834*	*126,042*	*84,552*	*95,197*	*304,688*	*65,612*	*86,847*	*95,600*	*110,317*	*89,065*	*39,050*	*156,929*	*178,335*	*37,418*	*149,011*	*89,676*
310,129	*94,408*	*37,354*	*111,668*	*73,648*	*80,918*	*264,776*	*58,306*	*91,863*	*88,136*	*102,617*	*84,278*	*36,852*	*138,543*	*161,860*	*32,836*	*144,324*	*75,641*
3,070	5,323	1,717	5,253	2,764	6,523	9,182	1,042	3,909	2,704	4,020	10,540	1,868	3,791	38,987	5,216	6,676	5,509
53,647	90,934	32,583	145,642	92,488	156,613	115,574	14,482	78,648	60,992	77,771	385,723	26,991	100,849	352,904	143,935	95,721	252,279
....	76	40	17	1,157	1,228	218	1,553	4	93	442	3,685	......	......	4,323	777	109	736
....	534	479	255	13,433	20,323	990	33,264	718	913	5,933	110,398	......	......	219,487	27,625	937	9,630
2	292	242	76	189	494	172	310	6	98	240	1,718	25	87	3,440	196	372	404
....	5,669	2,632	2,322	2,018	16,550	2,674	3,687	1,458	3,671	4,386	94,886	38	1,297	123,606	6,092	11,351	15,735
....	223	131	52	88	172	122	128	1	30	51	348	21	81	397	47	66	155
30	56,447	12,720	46,721	16,670	57,359	18,246	4,345	4,696	3,690	6,515	49,228	4,050	14,379	243,820	11,169	17,623	61,223
....	188	101	45	68	310	125	85	4	78	57	1,113	17	93	1,508	45	60	136
....	21,224	7,690	33,031	19,290	61,294	4,892	5,906	1,902	9,148	17,665	221,894	1,198	23,817	2,326,281	17,536	16,100	49,487
....	16	......	......	12	12	2	63	......	3	11	42	......	......	287	21	18	18
....	14	1	......	10	104	8	102	......	......	80	1,354	......	......	6,944	128	55	199
....	55	11	1	1,746	1,290	3,305	66	22	1	129	3,293	11	20	164	33	16	7,438
....	6,325	11,093	4,825	2,942,406	975,721	4,845,608	10,055	8,230	290	149,510	8,815,631	996	14,897	245,898	26,453	2,250	11,579,520
26	556	514	99	502	174	342	279	64	104	229	3,663	165	213	1,443	573	190	1,146
3,098	*6,729*	*2,756*	*5,548*	*6,526*	*10,208*	*13,468*	*3,526*	*4,010*	*3,111*	*5,179*	*24,402*	*2,107*	*4,285*	*50,549*	*6,908*	*7,507*	*15,542*
54,225	42,288	8,457	37,512	19,235	9,673	83,099	35,644	122,198	34,015	24,718	75,100	49,064	43,394	21,084	19,027	15,201	14,264
140,122	40,821	5,758	23,498	8,853	7,992	67,981	7,052	51,644	18,178	15,977	34,387	49,683	41,017	14,563	8,716	40,559	13,702
93,516	30,231	8,112	46,931	17,978	10,039	73,807	8,408	38,664	37,634	22,670	27,046	14,491	66,293	28,322	12,904	37,153	14,230
228,161	26,979	6,279	38,425	11,119	6,858	56,084	5,441	37,209	27,256	19,751	26,843	20,632	40,638	18,752	16,096	38,923	7,546
12,522	21,190	4,006	7,674	9,864	3,545	28,134	3,851	7,364	15,154	9,939	9,392	5,929	9,197	7,784	5,308	8,498	4,592
3,731	2,415	1,428	2,205	3,582	3,069	9,614	1,046	4,962	2,820	3,434	2,118	1,113	1,501	8,115	559	6,943	3,043

TABLE 21.— CENSUS TAKEN

	State	Albany	Allegany	Broome	Cattaraugus	Cayuga	Chautauqua	Chemung	Chenango	Clinton
Bushels of seed wanted and for sale										
Spring wheat, wanted	61,505	830	2,370	1,074	2,139	1,458	1,792	786	1,058	1,329
Spring wheat, for sale	44,910	410	754	206	810	865	914	244	402	2,297
Beans, wanted	48,781	208	1,502	330	462	884	831	254	216	603
Beans, for sale	287,781	1,153	13,180	329	578	4,363	702	1,884	555	9,867
Potatoes, wanted	389,602	2,652	7,252	6,561	6,758	6,030	7,090	2,755	4,486	4,356
Potatoes, for sale	3,239,547	15,577	133,247	30,522	41,930	76,067	46,665	21,909	18,267	197,879
Corn, wanted	157,376	1,412	4,416	2,433	4,240	3,992	4,461	1,532	2,717	3,961
Corn, for sale	232,509	2,263	1,981	1,106	438	8,444	2,388	1,738	939	8,893
Oats, wanted	653,511	11,369	21,204	11,642	17,816	11,372	21,587	4,333	14,907	16,735
Oats, for sale	759,953	9,049	17,842	3,555	8,257	33,630	8,191	5,530	3,023	2,442
Barley, wanted	80,336	633	2,840	677	1,570	3,839	1,034	583	903	1,051
Barley, for sale	103,209	595	1,337	117	1,061	14,516	824	373	90	1,021
Buckwheat, wanted	69,644	2,281	2,925	2,079	1,995	1,450	2,812	1,565	1,309	1,314
Buckwheat, for sale	228,171	8,064	8,300	4,359	6,603	6,929	7,758	3,594	3,872	4,951
Number of livestock wanted and for sale										
Dairy cows, wanted	43,529	410	1,297	930	1,413	870	1,792	375	1,992	945
Dairy cows, for sale	73,372	672	1,513	1,090	1,769	1,355	2,395	251	8,645	998
Yearling heifers, wanted	11,168	64	257	402	713	178	479	41	371	251
Yearling heifers, for sale	14,634	114	397	244	411	257	493	56	382	528
Heifer calves, wanted	9,578	75	251	456	218	144	261	133	327	217
Heifer calves, for sale	8,383	36	283	139	196	169	350	25	252	148
Bulls, 1 year or over, wanted	4,250	29	123	83	282	74	322	17	88	80
Bulls, 1 year or over, for sale	6,964	75	205	96	197	134	190	69	156	193
Breeding ewes, wanted	30,425	233	776	454	592	542	916	348	384	522
Breeding ewes, for sale	10,469	115	480	110	107	276	57	52	42	224
Work horses, wanted	11,934	191	258	168	257	312	323	86	170	242
Work horses, for sale	22,459	258	797	337	615	662	793	184	340	550
Brood sows, wanted	3,740	39	51	108	161	80	78	17	53	70
Brood sows, for sale	4,597	36	80	61	94	146	72	21	66	71
Pigs, wanted	47,135	892	862	710	1,029	999	1,886	425	967	698
Pigs, for sale	39,523	623	577	295	715	1,331	762	113	387	673
Hens, wanted	121,836	1,445	1,313	2,872	2,235	3,673	2,718	1,316	3,724	530
Hens, for sale	209,332	6,135	3,861	3,604	5,154	3,456	7,803	1,642	5,536	1,660

FEBRUARY 1, 1918 — (*Continued*)

Columbia	Cortland	Delaware	Dutchess	Erie	Essex	Franklin	Fulton	Genesee	Greene	Herkimer	Jefferson	Lewis	Livingston	Madison	Monroe	Montgomery	Nassau
515	567	975	1,092	2,482	1,701	1,549	344	358	194	823	3,070	749	2,782	1,431	656	1,121	85
213	438	50	169	1,680	553	2,919	8	330	73	219	5,456	71	1,352	485	1,166	314	4
206	85	259	220	1,953	285	246	149	3,518	292	220	728	163	9,414	358	2,582	311	709
562	537	466	504	11,390	1,858	4,073	95	10,021	262	437	4,008	501	30,830	1,522	6,139	549	391
3,581	2,589	7,533	7,896	17,815	2,478	6,690	2,255	6,437	2,977	3,496	6,146	2,961	5,996	4,225	18,781	2,455	53,504
16,538	46,779	31,721	27,173	119,977	39,789	146,617	7,611	108,142	18,213	11,431	22,605	26,598	126,256	39,566	194,888	3,629	21,807
1,657	1,043	4,116	3,229	5,565	792	3,258	962	2,426	1,045	2,699	7,701	3,294	2,080	3,983	4,284	1,906	3,041
7,338	255	685	9,636	3,200	1,201	764	140	2,408	3,455	157	808	132	6,962	791	10,953	532	2,770
13,816	5,301	21,496	21,102	27,002	9,264	17,957	7,618	5,849	8,126	10,478	23,881	14,423	13,599	12,498	17,076	15,324	323
9,003	5,346	3,802	8,671	21,533	2,223	44,235	1,104	18,429	3,829	1,086	95,527	2,369	29,876	7,816	57,161	4,533	....
321	851	549	374	1,452	402	1,289	419	4,531	357	1,113	2,566	1,404	3,906	2,351	3,185	1,216	8
262	751	45	436	1,130	441	1,412	......	5,094	79	597	3,145	398	3,401	3,367	7,573	566	135
1,505	807	2,224	2,143	2,591	593	916	660	576	1,278	516	939	491	528	1,155	772	1,022	33
7,450	4,015	7,362	7,028	8,690	1,283	2,694	898	2,181	4,927	1,869	3,616	1,032	3,626	5,374	2,646	3,128	47
394	1,066	2,816	855	1,242	298	1,020	259	546	676	792	1,013	688	955	1,004	483	441	65
703	1,562	2,976	1,378	1,973	510	1,161	320	1,335	758	1,007	2,147	1,044	1,303	1,863	1,307	559	74
162	237	1,014	296	287	107	108	28	142	109	159	258	219	131	225	198	48	5
298	165	815	434	239	98	261	75	292	125	216	471	203	369	465	242	70	38
133	196	468	385	161	79	150	142	105	81	186	288	204	140	174	127	101	....
76	180	227	216	128	46	127	34	93	103	144	306	229	130	302	127	75	8
37	110	225	88	88	42	87	35	39	31	70	185	76	56	87	43	50	8
133	96	330	221	162	117	147	52	108	93	113	307	111	112	134	134	90	7
678	841	859	729	557	515	382	161	659	427	158	238	205	1,686	289	813	20	6
168	58	76	246	60	180	17	136	324	214	14	50	38	943	72	599	......	25
204	101	249	330	345	71	182	119	199	123	244	298	155	315	258	474	170	160
223	326	475	281	593	242	515	156	691	178	218	601	213	775	511	596	178	25
72	34	89	134	110	39	57	24	66	79	47	105	41	63	54	117	41	12
106	41	66	148	105	18	123	11	101	29	28	167	71	120	88	180	26	4
648	406	1,824	1,169	1,902	389	692	295	709	709	729	1,480	903	865	906	1,275	567	169
737	169	718	1,389	1,532	190	766	157	1,178	505	430	1,216	841	904	765	2,453	342	176
1,314	865	4,671	2,455	4,682	334	664	1,033	1,191	3,255	1,078	3,307	1,237	1,824	3,339	3,280	1,044	835
4,124	2,137	5,401	7,226	5,194	853	2,663	1,224	2,020	3,427	1,286	3,795	1,241	2,559	9,861	5,025	1,211	1,096

TABLE 21.—CENSUS TAKEN

	Niagara	Oneida	Onondaga	Ontario	Orange	Orleans	Oswego	Otsego	Putnam	Rensselaer	Rockland
Acres of land on which crops were raised in 1917 but were not harvested	3,182	2,612	2,472	2,530	1,043	2,307	1,579	3,623	172	1,699	216
Acres of waste land, farmstead, roads and lanes	11,994	23,697	19,090	15,358	11,128	8,420	18,107	13,807	2,305	11,233	3,424
Total acres with use reported											
Total acres	*288,149*	*619,706*	*401,622*	*341,808*	*322,523*	*209,199*	*418,925*	*509,692*	*86,238*	*243,371*	*39,593*
Gallons of maple syrup produced in 1917	144	24,821	8,805	2,248	538	933	23,669	37,825	68	8,156	....
Pounds of maple sugar produced in 1917	....	11,674	2,252	330	170	188	16,852	51,815	249	21,218	....
Cords of firewood cut, 1917 (4 ft. x 4 ft. x 8 ft.)	31,039	90,489	47,504	42,034	25,520	26,937	72,291	101,599	6,463	25,230	4,925
Cords of firewood sold, 1917 (4 ft. x 4 ft. x 8 ft.)	4,882	15,905	5,032	4,852	6,699	3,010	16,623	14,715	1,172	6,963	2,133
Fertilizer and lime											
Tons of commercial fertilizer used in 1917	8,338	7,197	7,725	8,775	10,493	7,352	8,323	6,349	635	4,152	998
Tons of commercial fertilizer expected to be used in 1918	7,313	7,060	7,121	8,230	10,322	6,678	7,989	6,407	534	3,513	988
Tons of lime used in 1917	1,527	4,530	2,444	1,000	5,247	2,582	5,083	5,281	367	766	472
Tons of lime expected to be used in 1918	1,575	5,782	2,934	1,091	6,524	1,959	6,614	6,777	361	1,361	830
Bushels of seed wanted and for sale											
Spring wheat wanted	732	1,570	1,648	1,572	864	548	1,284	1,473	97	494	46
Spring wheat for sale	2,161	381	2,525	1,340	450	409	899	461	......	190	11
Beans wanted	1,932	455	716	1,730	184	1,436	525	267	44	278	7
Beans for sale	1,851	1,478	7,144	19,396	333	3,523	3,094	1,772	54	1,038	7
Potatoes wanted	13,153	8,781	11,725	5,465	10,215	5,700	4,071	4,300	1,255	5,154	10
Potatoes for sale	5,427	61,560	175,768	107,020	20,966	17,138	87,861	57,108	6,235	37,128	40
Corn wanted	3,664	4,821	4,493	1,564	2,913	1,792	4,418	3,144	517	1,644	402
Corn for sale	1,133	1,800	8,469	10,019	11,319	2,391	2,009	2,005	1,826	3,993	1,398
Oats wanted	12,867	27,459	14,242	7,474	10,112	6,108	14,338	14,025	1,641	8,857	818
Oats for sale	21,086	3,434	26,606	53,495	1,643	18,299	6,722	5,831	5	7,907	65
Barley wanted	2,745	2,362	4,807	3,359	347	3,590	1,103	1,322	16	360	18
Barley for sale	3,150	2,156	11,802	10,312	167	4,440	568	783	......	309	....
Buckwheat wanted	997	1,111	1,236	489	837	496	1,608	1,997	122	1,056	155
Buckwheat for sale	2,164	5,535	7,598	2,172	2,075	2,133	6,651	7,054	201	4,414	65
Number of livestock wanted and for sale											
Dairy cows wanted	578	775	930	221	1,353	387	1,571	1,422	118	384	65
Dairy cows for sale	840	2,572	2,507	961	1,648	604	2,520	2,783	479	882	63
Yearling heifers wanted	148	368	302	315	394	68	317	581	57	102	33
Yearling heifers for sale	185	485	522	236	436	209	413	508	45	87	10
Heifer calves wanted	71	339	209	125	344	67	296	303	26	124	8
Heifer calves for sale	73	289	531	103	264	66	196	316	47	111	6
Bulls, 1 year or over, wanted	30	170	100	63	150	9	152	115	4	42	1
Bulls, 1 year or over, for sale	64	283	189	115	160	69	159	253	52	131	1
Breeding ewes wanted	731	573	542	1,723	83	1,702	493	410	45	242	34
Breeding ewes for sale	162	59	365	772	80	323	62	334	17	44	....
Work horses wanted	331	374	497	347	271	168	295	181	52	183	42
Work horses for sale	737	482	744	669	246	633	579	352	54	240	20
Brood sows wanted	69	96	101	83	168	119	81	83	29	47	23
Brood sows for sale	134	82	175	152	57	150	91	47	29	81	8
Pigs wanted	1,322	1,950	1,165	1,057	783	759	1,561	976	172	581	729
Pigs for sale	1,463	955	1,624	1,173	642	1,310	712	450	131	566	126
Hens wanted	2,640	4,495	2,587	1,835	3,595	1,385	2,880	5,403	384	1,189	2,403
Hens for sale	2,636	3,914	7,388	2,564	16,949	2,108	5,074	6,762	456	2,543	1,984

FEBRUARY 1, 1918 — (*Concluded*)

St. Lawrence	Saratoga	Schenectady	Schoharie	Schuyler	Seneca	Steuben	Suffolk	Sullivan	Tioga	Tompkins	Ulster	Warren	Washington	Wayne	Westchester	Wyoming	Yates
2,202	1,817	1,429	1,534	1,842	1,566	8,465	1,299	960	1,993	2,250	1,134	1,757	1,898	2,429	493	3,778	1,795
38,900	12,220	3,592	9,431	7,428	7,099	23,436	8,632	15,087	8,404	10,148	12,505	5,655	11,250	15,785	8,842	13,733	7,146
909,236	*307,680*	*90,946*	*309,940*	*192,165*	*167,094*	*673,881*	*220,041*	*396,274*	*278,907*	*241,631*	*298,278*	*194,397*	*385,346*	*315,434*	*114,863*	*324,314*	*174,802*
200,761	9,541	220	21,616	592	223	45,164	......	18,570	4,917	4,026	15,788	17,637	9,248	1,807	83	49,926	1,200
535,299	18,499	73	57,732	328	......	25,924	......	9,756	1,608	2,222	11,116	43,065	5,235	85	1	124,294	513
168,317	28,743	5,317	44,291	27,358	13,619	114,685	13,255	51,774	37,651	36,211	26,710	31,952	30,150	44,278	12,000	72,989	24,832
25,307	8,946	389	7,059	3,251	1,695	16,289	5,481	11,576	6,201	5,177	9,625	9,154	5,601	6,517	1,723	8,768	2,356
7,178	3,184	836	1,731	2,575	3,972	3,759	30,074	2,220	2,165	2,899	10,496	1,669	3,192	14,046	3,607	8,383	3,144
5,952	3,127	828	1,850	2,046	3,894	3,604	26,367	2,730	2,020	2,634	9,675	1,541	2,778	10,364	2,637	7,192	3,048
1,584	1,452	407	393	930	722	7,855	2,860	5,374	5,356	1,628	8,259	159	825	4,141	1,275	2,281	490
1,598	1,517	368	830	1,303	627	9,906	2,612	6,131	6,658	2,154	4,896	408	935	5,131	1,128	2,932	796
2,972	596	355	886	812	1,817	2,842	546	136	719	882	758	189	888	375	214	2,129	731
2,955	169	173	202	531	2,361	1,110	131	39	402	738	296	210	290	1,197	2	2,124	751
671	233	170	171	1,156	600	1,434	584	136	550	607	174	103	206	2,047	133	3,795	1,494
3,039	529	302	1,595	18,077	7,721	11,002	8,764	43	1,200	8,008	504	373	3,905	14,736	358	46,155	15,024
6,393	4,050	950	2,051	1,263	2,487	10,576	54,049	3,336	2,966	3,158	1,526	2,343	5,420	5,181	2,274	4,350	1,645
57,710	18,882	927	20,596	33,432	13,229	280,386	178,278	15,471	48,943	36,052	17,066	12,144	138,883	73,619	3,626	102,433	20,216
7,319	1,939	686	2,049	3,962	1,124	4,571	4,169	2,556	1,590	1,503	2,588	625	2,568	3,404	921	3,220	965
2,304	1,627	788	1,379	1,504	7,896	3,016	48,208	614	1,486	3,633	6,141	679	5,999	10,265	3,595	1,170	5,466
26,558	11,371	6,129	10,595	4,379	3,367	18,525	4,296	8,656	6,448	6,484	9,937	2,167	12,640	9,488	2,179	13,579	2,674
34,309	4,640	4,333	6,244	6,698	27,908	34,942	594	606	3,050	10,594	3,259	1,027	13,615	25,779	287	11,789	17,124
2,168	291	313	1,074	1,602	1,109	3,205	483	212	706	2,022	320	171	387	2,277	97	2,985	1,470
1,838	32	105	278	2,928	3,475	2,294	87	49	32	1,777	235	4	597	1,348	.....	2,396	3,290
1,193	1,472	728	2,000	1,073	726	4,524	89	1,777	2,000	1,826	1,441	475	943	1,124	172	932	566
3,249	4,122	3,424	6,725	3,616	2,927	9,728	93	1,317	4,827	5,419	3,217	895	4,673	3,784	322	4,958	2,517
1,575	394	165	717	211	229	1,163	153	993	348	546	674	115	649	1,387	321	1,302	155
3,354	890	241	1,109	320	298	1,456	217	1,143	793	825	874	302	1,376	1,378	532	1,431	306
277	112	25	102	83	64	199	27	202	58	98	158	22	121	180	47	162	57
749	166	43	196	91	147	320	56	383	127	141	183	69	336	263	124	291	55
425	139	26	185	151	100	191	29	152	101	90	175	57	199	240	33	141	30
465	101	27	80	29	51	228	73	201	99	114	89	43	173	170	86	171	32
191	53	22	57	26	48	86	14	76	36	29	34	17	73	68	17	95	17
313	111	25	149	41	48	152	26	69	91	72	84	32	146	121	54	136	36
411	519	85	571	772	372	1,246	31	311	623	620	313	261	1,179	841	30	530	1,112
229	80	3	20	372	99	538	19	83	183	165	14	56	391	539	56	497	224
305	219	75	150	111	155	276	183	175	91	156	240	41	190	316	53	307	146
799	308	108	297	265	306	753	255	205	226	302	178	121	479	799	90	585	294
125	93	12	35	21	42	103	79	77	21	45	100	22	38	111	25	28	23
231	74	38	22	25	59	104	47	23	15	73	48	12	76	124	356	62	123
1,439	463	241	661	405	358	1,217	545	659	397	452	683	170	374	1,326	1,406	770	409
1,321	386	122	310	280	428	777	312	234	222	1,288	591	87	550	1,291	1,057	724	447
2,476	1,286	290	1,594	640	1,040	2,913	5,059	7,558	1,378	1,281	4,594	534	728	2,507	751	1,303	874
3,875	2,900	529	2,610	1,119	1,439	6,477	7,347	4,483	2,871	2,928	7,886	700	2,404	3,186	3,302	2,465	1,239

Table 22.— Number of Farm Operators of Each Age Who Own

AGE	Delaware				Jefferson				Livingston				Orange				Orleans			
	Males		Females		Males		Females		Males		Females		Males		Females		Males		Females	
	Married	Not married	Married	Not married	Married	Not married	Married	Not married	Married	Not married	Married	Not married	Married	Not married	Married	Not married	Married	Not married	Married	Not married
16– 20	4	3	1	....	1	6	..	....	4	1	....	....	....	2	....	....	1	1	....	.....
21– 25	68	22	..	....	35	18	..	....	23	11	....	....	23	13	....	....	11	7	....	.....
26– 30	199	23	2	....	113	20	1	1	66	14	1	....	69	8	2	2	57	13	1	.....
31– 35	282	26	5	2	223	16	3	1	115	24	3	....	119	15	1	1	103	10	2	1
36– 40	394	31	15	2	321	21	7	1	186	17	2	....	202	21	5	6	147	10	1	.....
41– 45	430	32	14	4	397	41	6	2	194	23	8	2	210	17	16	2	160	15	2	.....
46– 50	466	41	24	3	467	38	13	4	263	32	11	....	257	27	20	2	182	19	5	3
51– 55	386	25	22	4	380	30	20	1	230	25	11	3	212	13	17	3	182	14	4	2
56– 60	377	33	30	3	398	37	14	3	226	26	14	2	203	14	21	6	168	5	3	2
61– 65	296	24	28	2	292	36	23	3	159	7	7	2	138	7	20	....	117	12	2	.....
66– 70	224	21	27	1	204	20	17	2	113	8	12	2	116	6	14	2	98	15	8	.....
71– 75	126	5	12	4	140	9	12	....	64	6	8	....	61	4	9	....	32	1	8	.....
76– 80	60	3	8	4	62	7	7	1	30	5	3	....	40	8	5	....	19	1	4	1
81– 85	17	1	5	....	30	3	3	....	16	1	5	1	13	....	1	....	13	3	2	.....
86– 90	1	..	..	....	3	1	..	....	4	1	....	....	6	....	....	....	5	....	....	.....
91– 95	....	..	..	....	1	..	..	....	1	..	....	....	1	....	1	....	1	....	....	.....
96–100	....	..	..	....	....	..	..	....	....	..	....	....	....	....	....	....	....	....	....	.....
Age not given	101	71	18	5	58	17	4	2	50	24	8	4	238	38	24	11	48	30	3	1
No details given	....	..	..	....	....	..	..	....	....	..	....	....	109	....	....	....	....	....	....	.....
Total	3,431	361	211	34	3,125	320	130	21	1,744	225	93	16	2,017	193	156	35	1,344	156	45	10
Total for county	....	..	..	4,037	....	..	..	3,596	....	..	....	2,078	....	....	....	2,401	....	....	....	1,555

Table 23.— Number of Farm Operators of Each

AGE	Delaware				Jefferson				Livingston				Orange				Orleans			
	Males		Females		Males		Females		Males		Females		Males		Females		Males		Females	
	Married	Not married	Married	Not married	Married	Not married	Married	Not married	Married	Not married	Married	Not married	Married	Not married	Married	Not married	Married	Not married	Married	Not married
16–20	3	1	..	....	8	8	..	....	2	5	....	....	1	4	....	....	2	2	....	.....
21–25	34	10	..	....	144	27	2	....	47	23	....	....	25	11	1	....	60	9	....	.....
26–30	90	5	1	....	227	17	1	....	115	21	1	....	58	7	....	....	140	15	....	.....
31–35	94	5	..	....	304	7	..	....	115	16	....	....	76	10	1	....	147	10	....	.....
36–40	90	3	1	....	253	7	1	....	106	11	....	1	90	8	2	....	111	8	1	.....
41–45	85	4	2	....	217	10	..	....	90	14	2	....	70	4	2	....	84	6	....	.....
46–50	77	7	2	....	191	7	..	....	73	13	3	....	81	7	2	....	88	4	....	.....
51–55	67	4	1	....	151	3	1	....	73	7	2	....	62	3	2	....	64	10	....	.....
56–60	41	3	..	....	124	3	3	....	50	4	....	....	61	1	2	....	64	1	....	1
61–65	29	3	..	....	72	..	..	....	45	8	....	....	34	3	1	....	32	3	1	.....
66–70	13	1	..	....	49	4	1	....	31	1	....	1	28	....	....	....	18	2	1	.....
71–75	9	1	..	....	18	1	2	....	10	1	1	....	13	....	2	....	12	3	....	.....
76–80	5	2	..	....	7	4	..	....	5	..	1	....	6	....	....	....	9	....	....	.....
81–85	1	..	..	....	2	..	1	....	2	..	....	....	1	....	1	....	4	1	1	.....
86–90	....	..	..	....	2	..	..	....	1	..	....	....	....	....	....	....	2	....	....	.....
91–95	....	..	..	....	....	..	..	....	....	..	....	....	....	....	....	....	....	....	....	.....
Age not given	25	12	2	....	19	12	1	....	37	16	....	....	82	12	2	2	37	18	2	1
No details given	....	..	..	....	....	..	..	....	....	..	....	....	18	....	....	....	....	....	....	.....
Total	663	61	9	....	1,788	110	13	....	802	140	10	2	706	70	18	2	874	92	6	2
Total for county	....	..	..	733	....	..	..	1,911	....	..	....	954	....	....	....	796	....	....	....	974

ALL OR PART OF THE LAND THAT THEY OPERATE, APRIL 21, 1917

Putnam				Tioga				Tompkins				Males		Females				
Males		Females		Males		Females		Males		Females								
Married	Not married	Married	Not married	Married	Not married	Married	Not married	Married	Not married	Married	Not married	Married	Not married	Married	Not married	Total males	Total females	Total
......	....	....	....	3	3	....	....	1	3	....	....	14	19	1	......	33	1	34
1	4	....	....	35	11	....	1	18	11	....	....	214	97	......	1	311	1	312
10	2	....	....	73	9	....	....	75	13	1	....	662	102	8	3	764	11	775
25	5	....	1	129	9	....	....	112	8	1	1	1,108	113	15	7	1,221	22	1,243
28	4	4	....	175	11	4	....	197	14	3	....	1,650	129	41	9	1,779	50	1,829
38	8	1	....	234	12	9	1	216	27	6	3	1,879	175	62	14	2,054	76	2,130
46	7	2	....	227	20	10	2	217	15	9	1	2,125	199	94	15	2,324	109	2,433
44	7	6	2	240	15	9	4	223	16	5	1	1,897	145	94	20	2,042	114	2,156
54	6	2	....	236	15	7	7	220	20	10	3	1,882	156	101	26	2,038	127	2,165
43	6	7	....	224	10	11	3	179	28	7	1	1,448	130	105	11	1,578	116	1,694
21	3	7	1	129	12	9	....	132	16	4	4	1,037	101	98	12	1,138	110	1,248
16	2	5	....	85	7	14	1	68	7	4	2	592	41	72	7	633	79	712
7	1	1	....	34	2	4	....	29	4	2	....	281	31	34	6	312	40	352
5	1	1	1	15	1	1	1	12	....	....	....	121	10	18	3	131	21	152
1	....	....	....	....	....	....	....	3	....	....	....	23	2	......	......	25	......	25
......	....	....	....	1	....	....	....	2	....	....	....	7	......	1	......	7	1	8
......	....	....	....	....	....	....	....	1	....	....	....	1	......	......	......	1	......	1
39	13	5	5	35	18	4	....	62	19	9	4	631	230	75	32	861	107	968
......	....	....	....	....	....	....	....	....	....	....	....	109	......	......	......	109	......	109
378	69	41	10	1,875	155	82	20	1,767	201	61	20	15,681	1,680	819	166	17,361	985	18,346
......	....	....	498	....	....	....	2,132	....	....	....	2,049	....	......	......	......	......	......	....

AGE WHO ARE TENANTS, APRIL 21, 1917

Putnam				Tioga				Tompkins				Males		Females				
Males		Females		Males		Females		Males		Females								
Married	Not married	Married	Not married	Married	Not married	Married	Not married	Married	Not married	Married	Not married	Married	Not married	Married	Not married	Total males	Total females	Total
1	2	....	....	3	2	....	....	1	5	....	....	21	29	......	......	50	......	50
3	1	1	....	30	6	....	....	36	8	....	....	379	95	4	......	474	4	478
16	1	1	....	46	9	....	....	74	10	....	....	766	85	4	......	851	4	855
19	2	....	....	43	3	....	....	77	10	....	....	875	63	1	......	938	1	939
29	1	....	....	32	4	....	1	75	8	....	....	786	50	5	2	836	7	843
21	....	....	....	36	3	....	....	70	5	....	1	673	46	6	1	719	7	726
25	1	....	....	35	2	1	....	62	5	1	....	632	46	9	......	678	9	687
21	....	....	....	30	1	....	....	47	4	1	....	515	32	7	......	547	7	554
12	1	....	....	28	1	....	....	55	2	....	....	435	16	5	1	451	6	457
5	3	....	....	22	....	....	....	35	2	1	....	274	22	3	......	296	3	299
6	2	....	....	15	....	....	....	26	1	1	....	186	11	3	1	197	4	201
8	....	....	....	7	....	....	....	13	....	....	....	90	6	5	......	96	5	101
......	....	....	....	4	....	....	....	7	....	....	....	43	6	1	......	49	1	50
......	....	....	....	....	1	....	1	....	1	1	....	10	3	4	1	13	5	18
1	....	....	....	....	....	....	....	2	....	....	....	8	......	......	......	8	......	8
......	....	....	....	....	....	....	....	....	....	....	....	....	......	......	......	......	......	....
15	6	1	....	16	7	....	....	29	19	2	3	260	102	10	6	362	16	378
......	....	....	....	....	....	....	....	....	....	....	....	18	......	......	......	18	......	18
182	20	3	....	347	39	1	2	609	80	7	4	5,971	612	67	12	6,583	79	6,662
......	....	....	205	....	....	....	389	....	....	....	700	....	......	......	......	......	......	....

TABLE 24.— NUMBER OF HIRED MEN OF EACH AGE, APRIL 21, 1917

AGE	Delaware		Jefferson		Livingston		Orange		Orleans		Putnam		Tioga		Tompkins		Total married	Total not married	Total
	Married	Not married	Married	Not married	Married	Not married	Married	Not married	Married	Not married	Married	Not married	Married	Not married	Married	Not married			
11–15	..	42	..	50	..	50	..	28	..	30	..	15	..	10	..	9	......	234	234
16–20	9	220	11	292	5	224	4	121	10	174	1	49	3	57	6	100	49	1,237	1,286
21–25	86	236	80	311	70	256	67	128	79	162	9	40	23	44	41	98	455	1,275	1,730
26–30	98	111	120	126	105	126	91	102	104	72	36	36	26	23	43	52	623	648	1,271
31–35	54	61	87	85	85	69	88	62	74	48	22	23	28	21	36	26	474	395	869
36–40	75	52	77	60	69	62	82	80	54	42	26	21	35	22	30	28	448	367	815
41–45	60	33	62	53	49	50	42	52	40	24	17	15	21	11	24	12	315	250	565
46–50	48	33	67	56	52	41	62	55	31	21	22	16	18	21	23	24	323	267	590
61–55	38	34	37	35	39	38	41	33	20	20	11	7	16	14	19	24	221	205	426
66–60	36	23	40	38	22	31	36	40	21	29	12	14	16	13	19	24	202	212	414
61–65	32	20	33	35	16	16	21	13	22	8	6	6	9	8	9	15	148	121	269
66–70	12	11	12	13	19	6	17	15	12	5	3	4	8	7	7	13	90	74	164
71–75	9	6	10	3	6	5	7	5	3	5	1	2	..	1	6	3	42	30	72
Over 75	3	1	2	1	5	1	1	....	3	1	..	....	..	....	..	....	14	4	18
Age not given	15	288	31	346	48	501	211	859	62	311	82	303	19	149	27	258	495	3,015	3,510
No details given	..	....	..	....	..	....	..	88	..	....	..	....	..	....	..	....	......	88	88
Total	575	1,171	669	1,504	590	1,476	770	1,681	535	952	248	551	222	401	290	686	3,899	8,422	12,321

TABLE 25.— NUMBER OF FARMS HAVING EACH NUMBER OF HIRED MEN, APRIL 21, 1917

NUMBER HIRED MEN	Delaware	Jefferson	Livingston	Orange	Orleans	Putnam	Tioga	Tompkins	Total	
									Number of farms	Number of hired men
0	3,449	3,747	1,792	1,754	1,431	381	2,058	1,995	16,607	....
1	1,103	1,508	867	873	838	167	402	610	6,368	6,368
2	160	189	238	268	203	80	60	104	1,302	2,604
3	31	39	65	87	36	33	14	29	334	1,002
4	12	12	32	35	11	12	4	7	125	500
5	6	8	10	13	5	7	2	....	51	255
6	1	1	10	7	1	5	2	1	28	168
7	1	2	4	6	....	3	....	2	18	126
8	2	....	3	7	2	3	....	....	17	136
9	....	....	....	....	1	....	1	....	2	18
10	2	....	2	1	....	4	....	....	9	90
11	1	....	....	3	....	....	....	....	4	44
12	....	....	2	4	1	1	1	....	9	108
13	....	....	....	....	....	....	....	....	....	....
14	....	....	1	1	....	....	....	....	2	28
15	....	....	....	1	....	1	....	....	2	30
16	....	....	1	....	....	1	....	....	2	32
17	....	....	....	....	....	1	....	....	1	17
18	....	....	1	....	....	1	....	....	2	36
19	....	....	....	1	....	1	....	....	2	38
20	1	1	1	1	....	....	....	....	4	80
21	....	....	....	....	....	....	....	....	....	....
22	....	....	1	....	....	....	....	....	1	22
23	....	....	....	....	....	....	....	1	1	23
24	....	....	....	....	....	....	....	....	....	....
25	....	....	....	....	....	1	....	....	1	25
26	....	....	1	1	....	....	....	....	2	52
27	....	....	....	....	....	....	....	....	....	....
28	....	....	....	....	....	....	....	....	....	....
29	....	....	....	....	....	....	....	....	....	....
30	1	....	1	1	....	....	....	....	3	90
40	....	....	....	1	....	....	....	....	1	40
43	....	....	....	1	....	....	....	....	1	43
50	....	....	....	....	....	1	....	....	1	50
Details not given	....	....	....	127	....	....	....	....	127	....
Total farms	4,770	5,507	3,032	3,193	2,529	703	2,544	2,749	25,027	....
Total hired men	1,704	2,131	2,018	2,313	1,464	796	623	976	....	12,025

TABLE 26.— NUMBER OF FARMS HARVESTING EACH NUMBER OF ACRES OF POTATOES IN 1916

	Delaware	Jefferson	Livingston	Orange	Orleans	Putnam	Tioga	Tompkins	Total farms	Total acres
None	609	1,024	635	503	429	190	478	737	4,605	....
Less than 1	999	1,856	344	689	453	121	53	667	5,182	....
1	1,699	1,814	616	882	754	171	562	703	7,201	7,201
2	994	581	392	561	403	121	625	350	4,027	8,054
3	259	111	210	180	188	38	331	140	1,457	4,371
4	108	49	181	86	124	31	203	80	862	3,448
5	56	30	152	50	63	6	126	27	510	2,550
6	13	16	105	26	39	6	71	19	295	1,770
7	5	5	54	12	20	2	21	7	126	882
8	11	5	80	17	20	5	26	6	170	1,360
9	1	1	28	2	4	....	2	2	40	360
10	11	6	92	13	17	3	25	3	170	1,700
11	....	....	7	1	....	1	....	....	9	99
12	....	3	31	1	4	1	7	1	48	576
13	1	....	8	....	....	....	....	....	9	117
14	1	2	17	....	....	....	3	....	23	322
15	1	1	33	2	6	2	6	1	52	780
16	....	....	8	1	....	....	1	....	10	160
17	....	....	1	....	....	....	....	1	2	34
18	....	....	6	1	1	....	1	....	9	162
19	....	1	....	....	1	....	....	....	2	38
20	....	2	19	1	2	2	1	4	31	620
22	....	....	1	....	....	....	....	....	1	22
24	....	....	1	....	....	....	....	....	1	24
25	....	....	4	1	....	....	1	....	6	150
28	....	....	....	....	....	....	1	....	1	28
30	....	....	4	1	....	1	....	1	7	210
35	....	....	....	1	....	....	....	....	1	35
40	1	....	1	1	....	....	....	....	3	120
50	....	....	....	....	1	1	....	....	2	100
55	1	....	....	....	....	....	....	....	1	55
65	....	....	1	....	....	....	....	....	1	65
125	....	....	....	....	....	1	....	....	1	125
160	....	....	1	....	....	....	....	....	1	160
Farms not growing potatoes	609	1,024	635	503	429	190	478	737	4,605	....
Farms growing potatoes	4,161	4,483	2,397	2,529	2,100	513	2,066	2,012	20,261	....
Acres potatoes	5,633	4,033	8,784	3,899	3,940	1,099	5,619	2,691	....	35,698

TABLE 27.— NUMBER OF FARMS HAVING EACH NUMBER OF ACRES OF APPLES, APRIL 21, 1917

NUMBER OF ACRES	Delaware	Jefferson	Livingston	Orange	Orleans	Putnam	Tioga	Tompkins	Total farms	Total acres
None	1,612	4,369	1,148	1,245	195	218	1,170	968	10,925	....
Less than 1	561	384	284	356	46	52	312	312	2,307	....
1	1,276	417	535	465	130	115	461	588	3,987	3,987
2	778	199	458	390	232	131	354	443	2,985	5,970
3	233	60	258	194	229	60	104	179	1,317	3,951
4	128	35	140	134	251	38	56	101	883	3,532
5	79	16	77	73	185	36	49	75	590	2,950
6	39	4	44	49	184	15	13	34	382	2,292
7	9	3	16	16	125	2	6	8	185	1,295
8	8	4	21	23	150	11	3	8	228	1,824
9	1	1	4	4	49	1	1	2	63	567
10	31	7	15	23	168	8	9	14	275	2,750
11	....	....	3	2	33	1	....	3	42	462
12	3	3	2	11	116	2	1	3	141	1,692
13	....	....	1	1	23	....	....	1	26	338
14	2	....	1	....	52	....	....	....	55	770
15	7	2	5	9	82	5	2	....	112	1,680
16	....	....	2	2	38	....	....	1	43	688
17	....	....	....	....	17	....	....	2	19	323
18	....	1	1	2	24	....	....	1	29	522
19	....	....	....	1	5	....	....	....	6	114
20	....	....	5	8	65	4	1	1	84	1,680
21	....	....	....	....	6	....	....	....	6	126
22	....	....	....	1	11	....	....	....	12	264
23	....	....	1	....	6	....	....	....	7	161
24	....	....	1	....	9	....	....	....	10	240
25	3	....	3	6	15	....	1	1	29	725
26	....	....	....	1	5	....	....	....	6	156
27	....	1	1	....	4	....	....	....	6	162
28	....	....	1	....	4	....	....	....	5	140
29	....	....	....	....	1	....	....	....	1	29
30	....	1	1	1	24	1	....	2	30	900
31	....	....	....	1	....	....	....	....	1	31
32	....	....	....	3	2	....	....	....	5	160
33	....	....	....	....	2	....	....	....	2	66
34	....	....	....	....	1	....	....	....	1	34
35	....	....	1	2	7	....	....	....	10	350
36	....	....	....	....	3	....	....	....	3	108
38	....	....	....	....	3	....	....	....	3	114
40	....	....	1	2	9	....	....	1	13	520
42	....	....	....	....	1	....	....	....	1	42
45	....	....	....	1	3	....	....	....	4	180
50	....	....	....	3	5	2	....	1	11	550
55	....	....	....	....	1	....	....	....	1	55
56	....	....	....	....	1	....	....	....	1	56
57	....	....	1	....	....	....	....	....	1	57
60	....	....	....	1	3	1	1	....	6	360
62	....	....	1	....	....	....	....	....	1	62
70	....	....	....	1	1	....	....	....	2	140
85	....	....	....	....	1	....	....	....	1	85
94	....	....	....	1	....	....	....	....	1	94
120	....	....	....	....	1	....	....	....	1	120
200	....	....	....	....	1	....	....	....	1	200
Farms without apples	1,612	4,369	1,148	1,245	195	218	1,170	968	10,925	....
Farms with apples	3,158	1,138	1,884	1,787	2,334	485	1,374	1,781	13,941	....
Acres apples	5,362	1,512	4,610	5,057	19,626	1,550	2,340	3,617	....	43,674

TABLE 28.— NUMBER OF FARMS HAVING EACH NUMBER OF COWS ON FARMS GROWING

NUMBER OF COWS	Delaware		Jefferson		Livingston		Orange	
	Farms growing silage	Farms not growing silage	Farms growing silage	Farms not growing silage	Farms growing silage	Farms not growing silage	Farms growing silage	Farms not growing silage
1	16	216	24	298	11	296	7	402
2	30	170	47	195	23	353	5	216
3	21	100	41	115	34	289	3	115
4	19	104	47	97	31	276	2	76
5	40	83	65	91	62	188	7	63
6	39	86	92	76	38	153	6	63
7	35	82	82	62	36	85	10	37
8	31	80	141	77	27	76	7	46
9	31	58	137	64	20	47	5	43
10	55	63	167	83	32	66	9	59
11	40	42	141	54	21	23	9	23
12	63	68	172	70	20	28	19	59
13	45	52	124	48	13	21	6	25
14	67	70	147	48	11	7	18	48
15	62	73	167	50	23	16	15	39
16	71	72	133	40	15	4	16	39
17	61	58	112	23	16	4	18	31
18	61	66	109	32	11	7	15	44
19	51	46	81	20	4	3	13	33
20	82	95	168	34	17	4	25	78
21	53	47	73	14	7	1	12	25
22	63	49	85	17	5	2	15	34
23	61	48	60	10	8	2	14	29
24	61	30	75	13	4	1	17	20
25	73	32	94	14	5	2	37	48
26	38	29	50	15	3	....	11	16
27	44	28	57	4	2	....	8	18
28	53	25	47	10	....	....	17	20
29	26	16	92	6	....	....	4	10
30	69	42	71	12	17	....	29	60
31	29	15	28	3	1	....	7	8
32	29	18	25	....	6	1	6	21
33	24	15	19	1	1	....	7	5
34	24	21	19	2	2	....	4	7
35	34	18	32	3	3	1	16	13
36	30	5	13	....	1	....	7	12
37	10	12	12	2	1	....	4	6
38	17	10	14	2	2	....	5	5
39	12	4	5	....	1	....	4	2
40	36	16	20	1	9	1	18	28
41	11	6	7	1	....	....	2	....
42	10	7	4	....	....	....	2	5
43	11	4	5	....	....	....	1	....
44	7	4	2	1	3	....	1	1
45	18	1	10	....	4	....	7	8
46	7	1	2	....	2	....	1	....
47	6	8	1	....	....	....	2	....
48	9	2	1	....	....	....	....	2
49	4	1	5	....	....	....	1	....
50	21	7	10	....	5	1	9	10
51	1	....	....	....	....	....	1	....
52	4	4	1	....	1	1	2	1
53	5	1	1	....	....	....	....	....
54	3	1	1	....	....	....	1	....
55	4	....	....	....	1	....	3	....
56	6	1	....	1	....	....	....	2
57	1	....	1	....	....	....	....	....
58	....	1	....	....	....	....	1	1
59	....	1	....	....	....	....	....	....
60	10	1	2	....	3	....	3	1
61	....	1	....	....	....	....	....	....
63	1	....	....	....	....	....	....	....
64	1	1	1	....	....	....	....	1
65	....	2	....	....	1	....	2	2
66	2	....	....	....	....	....	1	1
67	1	....	....	....	....	....	....	....
68	1	....	....	....	....	....	....	....
69	....	....	....	....	....	....	1	....
70	2	2	1	....	....	1	2	2
71	....	....	....	....	....	....	1	....
72	....	1	....	....	1	....	....	....
73	1	....	....	....	....	....	....	....
74	....	1	....	....	....	....	1	....
75	5	....	....	....	1	....	1	....
76	....	1	....	....	....	....	....	....
78	....	....	....	....	1	....	....	....
79	....	....	....	....	....	....	....	....
80	2	....	....	....	....	....	1	....
81	2	....	....	....	....	....	1	....
82	1	....	....	....	....	....	....	....
84	....	1	....	....	....	....	....	....
85	1	....	....	....	....	....	....	....
86	2	....	....	....	....	....	....	....
87	....	....	....	....	1	....	....	....
90	1	1	....	....	1	....	....	....
91	....	1	....	....	....	....	1	....

SILAGE, AND ON FARMS NOT GROWING SILAGE, CENSUS TAKEN APRIL 21, 1917

Orleans		Putnam		Tioga		Tompkins		Otsego		Total			
Farms growing silage	Farms not growing silage	Farms growing silage	Farms not growing silage	Farms growing silage	Farms not growing silage	Farms growing silage	Farms not growing silage	Farms growing silage	Farms not growing silage	Growing silage		Not growing silage	
										Number farms	Number cows	Number farms	Number cows
45	291	1	77	26	245	24	319	37	295	191	191	2,439	2,439
115	425	2	68	37	214	38	319	44	196	341	682	2,156	4,312
117	382	4	47	34	135	36	201	46	132	336	1,008	1,616	4,548
88	202	2	38	59	122	41	186	55	134	344	1,376	1,235	4,940
52	86	2	20	76	102	40	129	84	106	418	2,090	868	4,340
54	42	3	16	72	60	40	114	95	96	439	2,634	706	4,236
19	24	2	10	81	55	50	86	106	78	421	2,947	519	3,633
18	15	1	13	81	54	57	61	121	99	484	3,872	521	4,168
16	3	2	10	67	33	39	46	114	56	431	3,879	360	3,240
12	4	4	13	75	30	49	40	135	84	538	5,380	444	4,440
5	1	3	7	33	15	33	18	109	54	394	4,334	237	2,607
4	3	3	4	65	13	49	20	128	56	523	6,276	321	3,852
3	2	1	6	39	7	20	7	109	40	360	4,680	208	2,704
3	......	5	8	46	10	23	10	108	30	428	5,992	231	3,234
......	......	4	5	35	7	29	5	106	31	441	6,615	226	3,390
1	2	6	4	27	4	17	7	93	38	379	6,064	210	3,360
3	......	2	3	18	3	15	2	84	24	329	5,593	148	2,516
2	......	1	9	27	5	12	2	71	19	309	5,562	184	3,312
......	......	2	3	13	2	13	2	64	15	241	4,579	124	2,356
2	......	11	7	28	2	7	4	100	23	440	8,800	247	4,940
3	......	......	2	12	......	2	......	47	11	209	4,389	100	2,100
2	......	6	1	11	......	7	1	54	9	248	5,456	113	2,486
......	......	......	4	6	1	4	2	38	2	191	4,393	98	2,254
1	......	5	4	2	......	3	......	39	10	208	4,992	78	1,872
......	......	7	5	7	2	4	1	48	12	275	6,875	116	2,900
1	......	3	5	3	......	3	......	29	4	141	3,666	69	1,794
......	......	3	1	3	2	1	......	25	3	143	3,861	56	1,512
......	......	8	3	4	......	3	......	23	6	155	4,340	64	1,792
......	1	4	1	1	......	2	......	15	3	84	2,436	37	1,073
......	......	4	7	4	2	3	......	34	10	231	6,930	133	3,990
......	......	3	2	1	......	1	......	11	1	81	2,511	29	899
......	......	......	......	2	......	2	......	16	......	86	2,752	40	1,280
1	......	2	1	2	......	1	......	14	1	65	2,145	23	759
......	......	1	......	1	......	......	......	8	1	59	2,006	31	1,054
......	......	4	2	......	......	1	......	13	2	103	3,605	39	1,365
......	......	3	......	1	......	1	......	6	......	62	2,232	17	612
......	......	2	......	......	......	......	......	5	......	34	1,258	20	740
......	......	1	1	......	......	1	......	8	......	48	1,824	18	684
......	......	......	......	......	......	2	......	3	......	27	1,053	6	234
......	......	4	1	2	......	1	......	9	1	99	3,960	48	1,920
......	......	2	......	1	......	1	......	3	......	27	1,107	7	287
......	......	1	......	......	......	2	......	2	......	21	882	12	504
......	......	1	1	......	......	......	......	1	......	19	817	5	215
......	......	2	......	1	......	......	......	1	......	17	748	6	264
......	......	1	1	2	......	......	......	4	......	46	2,070	10	450
......	......	......	......	......	......	......	......	1	......	13	598	1	46
......	......	......	......	......	......	......	......	1	......	10	470	3	141
......	......	1	......	......	......	1	......	1	1	13	624	5	240
......	......	......	......	......	......	......	......	1	......	11	539	1	49
......	......	4	......	2	......	2	......	2	......	55	2,750	18	900
......	......	......	......	......	......	......	......	......	......	2	102	......	......
......	......	......	......	......	......	......	......	3	......	11	572	6	312
......	......	......	......	......	......	......	......	......	......	6	318	1	53
......	......	......	......	......	......	......	......	2	......	7	378	1	54
......	......	......	......	......	......	......	......	1	......	9	495	......	......
......	......	1	......	......	......	1	......	2	......	10	560	4	224
......	......	1	......	......	......	......	......	1	......	4	228	......	......
......	......	......	......	......	......	......	......	......	......	1	58	2	116
......	......	......	......	......	......	......	......	......	......	......	......	1	59
......	......	3	......	......	......	......	......	1	......	22	1,320	2	120
......	......	......	......	......	......	......	......	......	......	......	......	1	61
......	......	......	......	......	......	......	......	......	......	1	63	......	......
......	......	......	......	......	......	......	......	2	......	4	256	2	128
......	......	......	......	......	......	......	......	......	......	3	195	4	260
......	......	1	......	......	......	......	......	......	......	4	264	1	66
......	......	......	......	......	......	......	......	......	......	1	67	......	......
......	......	......	......	......	......	......	......	1	......	2	136	......	......
......	......	......	......	......	......	......	......	......	......	1	69	......	......
......	......	......	......	1	......	......	......	......	......	6	420	5	350
......	......	......	......	......	......	......	......	......	......	1	71	......	......
......	......	......	......	......	......	......	......	......	......	1	72	1	72
......	......	......	......	......	......	......	......	......	......	1	73	......	......
......	......	......	......	......	......	......	......	......	......	1	74	1	74
......	......	......	......	......	......	......	......	......	......	7	525	......	......
......	......	......	......	......	......	......	......	1	......	1	76	1	76
......	......	......	......	......	......	......	......	......	......	1	78	......	......
......	......	......	......	......	......	......	......	1	......	1	79	......	......
......	......	......	......	......	......	......	......	......	......	3	240	......	......
......	......	......	......	......	......	......	......	......	......	3	243	......	......
......	......	......	......	......	......	......	......	......	......	1	82	......	......
......	......	......	......	......	......	......	......	......	......	......	......	1	84
......	......	......	......	......	......	......	......	1	......	2	170	......	......
......	......	......	......	......	......	......	......	......	......	2	172	......	......
......	......	......	......	......	......	......	......	......	......	1	87	......	......
......	......	......	......	......	......	......	......	......	......	2	180	1	90
......	......	......	......	......	......	......	......	......	......	1	91	1	91

TABLE 28.— NUMBER OF FARMS HAVING EACH NUMBER OF COWS ON FARMS, GROWING

NUMBER OF COWS	Delaware		Jefferson		Livingston		Orange	
	Farms growing silage	Farms not growing silage	Farms growing silage	Farms not growing silage	Farms growing silage	Farms not growing silage	Farms growing silage	Farms not growing silage
92	....	....	....	....	....	....	1	....
95	1	....	....	....	....	....	....	....
100	3	....	....	....	....	....	1	....
110	2	....	....	....	....	....	....	....
115	....	....	....	....	....	....	1	1
116	1	....	....	....	....	....	....	....
120	....	....	....	....	....	....	....	....
125	1	....	....	....	....	....	....	....
130	....	....	....	....	1	1	....	....
140	1	....	....	....	....	....	....	....
146	1	....	....	....	....	....	1	....
150	....	....	....	....	....	....	1	....
160	....	....	....	....	....	....	....	....
250	1	....	....	....	....	....	....	....
Size of herds not given	....	....	....	....	....	....	13	65
Farms with no cows	31	639	39	680	11	500	13	566
Farms with cows	1,878	2,222	3,077	1,711	560	1,961	524	2,029
All farms	1,909	2,861	3,116	2,391	571	2,461	537	2,595

Silage and on Farms Not Growing Silage, Census Taken April 21, 1917 — *(Concluded)*

Orleans		Putnam		Tioga		Tompkins		Otsego		Total			
										Growing silage		Not growing silage	
Farms growing silage	Farms not growing silage	Farms growing silage	Farms not growing silage	Farms growing silage	Farms not growing silage	Farms growing silage	Farms not growing silage	Farms growing silage	Farms not growing silage	Number farms	Number cows	Number farms	Number cows
......	......	1	......	......	......	......	......	......	......	2	184	......	......
......	......	......	......	......	......	......	......	......	......	1	95	......	......
......	......	1	......	......	......	......	......	......	......	5	500	......	......
......	......	1	......	......	......	......	......	......	......	3	330	......	......
......	......	......	......	......	......	......	......	......	......	1	115	1	115
......	......	......	......	......	......	......	......	......	......	1	116	......	......
......	......	1	......	......	......	......	......	......	......	1	120	......	......
......	......	......	......	......	......	......	......	......	......	1	125	......	......
......	......	......	......	......	......	......	......	......	......	1	130	1	130
......	......	......	......	......	......	......	......	......	......	1	140	......	......
......	......	......	......	......	......	......	......	......	......	2	292	......	......
......	......	1	......	......	......	......	......	......	......	2	300	......	......
......	......	......	......	......	......	......	......	1	......	1	160	......	......
......	......	......	......	......	......	......	......	......	......	1	250	......	......
......	......	7	......	......	......	......	......	30	......	50	416	65	863
26	453	7	135	22	389	19	469	66	822	234	......	4,653	......
567	1,483	151	410	1,008	1,125	681	1,582	2,318	1,683	10,764	......	14,206	......
593	1,936	158	545	1,030	1,514	700	2,051	2,384	2,505	10,998	174,514	18,859	109,518

TABLE 29.— NUMBER OF FARMS HAVING EACH NUMBER OF BREEDING EWES, APRIL 21, 1917

NUMBER OF EWES	Delaware	Jefferson	Livingston	Orange	Orleans	Otsego	Putnam	Tioga	Tompkins	Total farms	Total ewes
None	4,570	5,313	2,364	2,984	1,769	4,662	684	2,301	2,402	26,939	....
1– 5	65	80	57	15	46	55	8	46	64	436	1,308
6– 10	34	45	31	15	79	47	4	43	62	360	2,880
11– 15	36	26	44	6	98	35	2	42	59	348	4,524
16– 20	19	13	85	6	136	22	3	33	50	367	6,606
21– 25	16	7	60	3	107	24	....	21	29	267	6,141
26– 30	11	4	86	1	69	6	....	16	25	218	6,104
31– 35	5	2	44	....	52	6	....	10	16	135	4,455
36– 40	5	5	41	....	59	5	....	9	15	139	5,282
41– 45	2	2	37	....	31	2	....	5	6	85	3,655
46– 50	3	3	40	....	24	2	....	8	1	81	3,888
51– 55	1	....	15	....	6	....	....	2	4	28	1,484
56– 60	1	1	25	1	14	2	....	3	3	50	2,900
61– 65	1	1	14	....	6	....	....	1	4	27	1,701
66– 70	....	1	8	....	4	....	....	....	1	14	952
71– 75	1	....	10	....	5	1	....	2	....	19	1,387
76– 80	....	....	12	....	5	....	1	2	3	23	1,794
81– 85	....	....	5	....	1	1	....	....	....	7	581
86– 90	....	1	5	....	3	....	....	....	....	9	792
91– 95	....	....	3	....	....	....	1	....	....	4	372
96–100	....	....	13	....	4	1	....	....	....	18	1,764
101–105	....	....	1	....	....	....	....	....	2	3	309
106–110	....	....	8	....	....	....	....	....	....	8	864
111–115	....	....	2	....	1	....	....	....	....	3	339
116–120	....	1	5	....	....	....	....	....	1	7	826
121–125	....	....	....	1	1	....	....	....	....	2	246
126–130	....	....	2	....	1	....	....	....	1	4	512
131–135	....	....	3	....	....	1	....	....	....	4	532
136–140	....	....	1	....	....	3	....	....	....	4	552
141–145	....	....	1	....	....	....	....	....	....	1	143
146–150	....	1	1	....	1	....	....	....	....	3	444
151–155	....	....	1	....	....	....	....	....	....	1	153
156–160	....	....	2	....	....	....	....	....	....	2	316
161–165	....	....	....	....	....	....	....	....	....	....	....
166–170	....	....	....	....	....	....	....	....	....	....	....
171–175	....	....	....	....	1	....	....	....	1	2	346
176–200	....	....	2	....	4	....	....	....	....	6	1,170
201–260	....	1	2	....	2	....	....	....	....	5	1,145
300–400	....	....	2	....	....	2	....	....	....	4	1.431
Farms with no ewes	4,570	5,313	2,364	2,984	1,769	4,552	684	2,301	2,402	26,939	....
Farms with ewes	200	194	668	48	760	215	19	243	347	2,694	....
Number ewes	2,785	2,704	25,636	629	20,492	4,285	307	4,469	6,691	....	67,898

TABLE 30.— NUMBER OF FARMS HAVING EACH NUMBER OF BROOD SOWS, APRIL 21, 1917

NUMBER OF SOWS	Delaware	Jefferson	Livingston	Orange	Orleans	Otsego	Putnam	Tioga	Tompkins	Total farms	Total sows
None	3,325	2,422	1,553	1,952	1,042	3,396	455	2,026	1,901	18,071	....
1	464	818	665	281	712	596	80	277	386	4,279	4,279
2	205	524	221	126	191	215	32	75	100	1,689	3,378
3	56	150	45	31	52	38	9	15	25	421	1,263
4	26	66	15	18	19	19	3	4	14	184	736
5	10	34	9	8	7	8	2	1	5	84	420
6	3	11	4	5	7	4	1	3	....	38	228
7	3	13	3	1	4	2	....	....	1	27	189
8	4	4	3	....	2	1	2	1	1	18	144
9	....	4	2	1	....	....	2	....	....	9	81
10	1	2	1	4	1	....	....	....	2	11	110
11	1	....	....	2	....	....	....	....	....	3	33
12	1	....	....	3	....	3	....	....	....	7	84
13	....	....	....	1	1	....	....	....	....	2	26
14	....	....	....	1	....	....	....	....	....	1	14
15	1	2	....	....	....	1	1	....	1	6	90
16	1	1	....	1	....	....	....	....	1	4	64
17	....	....	....	....	1	....	....	....	....	1	17
18	2	....	....	....	....	1	....	....	....	3	64
20	2	1	....	....	....	....	....	....	....	3	60
24	....	1	....	....	....	....	....	....	....	1	24
25	....	....	....	1	....	....	....	....	....	1	25
35	....	....	1	2	....	....	....	....	....	3	105
38	1	....	....	....	....	....	....	....	....	1	38
40	....	....	....	....	....	....	....	....	1	1	40
60	....	....	....	1	....	....	....	....	....	1	60
Farms with no sows	3,325	2,422	1,553	1,952	1,042	3,396	455	2,025	1,901	18,071	....
Farms with sows	781	1,631	969	487	997	888	132	376	537	6,798	....
Number of sows	1,446	3,085	1,479	1,080	1,487	1,371	248	519	848	....	11,562

TABLE 31.— NUMBER OF FARMS HAVING EACH NUMBER OF HENS, APRIL 21, 1917

NUMBER OF HENS	Delaware	Jefferson	Livingston	Orange	Orleans	Putnam	Tioga	Tompkins	Total farms	Total hens
None	724	594	353	302	286	70	215	383	2,927	....
1– 25	832	1,488	469	463	368	166	471	465	4,722	61,386
26– 50	1,492	2,225	1,075	849	966	240	793	837	8,477	322,126
51– 75	632	677	582	460	541	94	402	457	3,845	242,235
76– 100	475	336	336	421	243	64	296	282	2,453	215,864
101– 150	320	115	125	277	93	32	185	181	1,328	166,000
151– 200	138	42	50	101	20	13	79	66	509	89,075
201– 300	107	11	20	75	7	14	45	47	326	81,500
301– 400	19	3	6	30	2	....	23	10	93	32,550
401– 500	14	7	6	19	1	1	16	8	72	32,400
501–1,000	15	6	8	29	2	7	14	6	87	65,250
1,001–1,500	....	3	1	4	....	....	4	5	17	21,250
1,501–2,000	2	....	1	....	....	1	1	1	6	10,500
2,001–2,500	....	....	....	....	....	1	....	....	1	2,250
3,000	....	....	....	1	....	....	....	....	1	3,000
3,100	....	....	....	....	....	....	....	1	1	3,100
8,000	....	....	....	1	....	....	....	....	1	8,000
Farms with no hens	724	594	353	302	286	70	215	383	2,927	....
Farms with hens	4,046	4,913	2,679	2,730	2,243	633	2,329	2,366	21,939	....
Number of hens	267,728	213,038	156,356	232,159	116,484	42,307	168,331	160,083	....	1,356,486

DO NOT FOLD ! District Superintendent will Collect and Deliver to County Enumerator
PATRIOTIC AGRICULTURAL SERVICE COMMITTEE
STATE OF NEW YORK

A CENSUS OF THE AGRICULTURAL RESOURCES OF NEW YORK STATE

April 21, 1917

Fill out the following blank for all places of over three acres on which agricultural operations are conducted. Fill out the blank for smaller places if the agricultural operations require the time of one person.

If part of the land lies in one school district and part in another district, include all the land as if it were in the district in which the farmer lives.

If the farmer owns part of the land that he operates and rents additional land, include all of it in the report.

The aim is to have all farm land in the State reported and yet have none of it reported twice. (In case of doubt consult the district superintendent).

Name of person who runs the farm..........
Post Office.......... R. D.......... Telephone..........
School District.......... Township.......... County..........
Does the person who runs the farm own any part of it?..........
Answer Yes or No

1. LABOR

How many hired men did you have last year at this time?..........
How many have you now?..........

IF YOU HAVE NOT CONTRACTED FOR ENOUGH LABOR, FILL OUT THE FOLLOWING:

Number of additional help needed for farm work.......... Dates needed..........
Could you use inexperienced school boys? If so, how many?.......... Number of additional help needed for household work.......... Dates needed..........
Could you use school girls?..........

2. SEED WANTED AND FOR SALE

KIND OF SEED	Amount you now wish to buy	Amount you now have for sale
	Bushels	*Bushels*
Alfalfa..........		
Potatoes..........		
Field beans..........		
Buckwheat..........		
Corn..........		
Spring wheat..........		

3. SPRAY MATERIALS WANTED

Give kind and amount..........

4. FERTILIZER WANTED

If you are unable to get fertilizer that you need, how much and what kind do you want?..........

5. MACHINERY

If you are unable to get machinery that you need, what do you lack?..........

6. LIVE STOCK WANTED AND FOR SALE

	Number you wish to buy	Number you have for sale
Dairy cows		
Heifer calves		
Breeding ewes		
Work horses		
Brood sows		
Pigs		

7. HAY

How many tons of hay have you above the amount necessary to carry your stock until new hay comes?

8. NUMBER OF LIVE STOCK ON HAND

Mares, 3 years old and older
Geldings, 3 years old and older
Stallions
Colts under 3 years old
Mules, 3 years old and older
Mule colts under 3 years old
Calves to be vealed
Bulls
Steers and beef cattle
Dairy cows, 2 years old and older
Heifers 1 and under 2 years old (to be raised for dairy cows)
Heifers under 1 year old (to be raised for dairy cows)

Breeding ewes
Spring lambs
All other sheep
Brood sows
All other hogs and pigs
Hens
Roosters
Turkeys
Ducks
Geese
Bees

How many dairy cows 2 years old or older were there on this farm a year ago?
How many heifer calves under 1 year old to be raised for dairy cows were there on this farm a year ago?
How many eggs did you set or incubate last year?
How many eggs do you expect to set or incubate this year?

9. TRANSPORTATION

Are you having trouble to get seed, machinery or fertilizer and other supplies delivered by the railroads? If so, give particulars.

10. FERTILIZER

KIND	Tons used on this farm last year	Tons expected to be used this year
Commercial fertilizer		
Lime		

11. CROPS

CROPS	Acres grown on this farm in 1916	Acres you expect to have in 1917
Corn to be husked for grain		
Corn for the silo		
Oats		
Barley		
Buckwheat		
Winter wheat		
Spring wheat		
Rye		
Field beans		
Alfalfa		
Other hay		
Cabbage		
Potatoes		
Canning factory crops		
Other vegetables and garden		
Other crops — give kind		

Apples .... acres
Peaches .... acres
Pears .... acres
Plums .... acres
Cherries .... acres
Vineyard .... acres

Small fruit .... acres
Woods not pastured .... acres
Woods pastured .... acres
Tillable pastures .... acres
Other pasture not included above .... acres
Total area farmed .... acres

Number of your sons who have left the farm for work other than farm labor? ....
Number of your daughters who have left the farm to live in villages or cities? ....
Do not include these in the table below.

12. FARM POPULATION

Persons Living or Working on This Farm

If members of the family are away at school, or otherwise temporarily away, but will be home for work this summer, include their names.

The desire is to have all persons living on farms enumerated, but have no persons listed twice.

NAMES	Age	Sex	Married or unmarried
Farmer and his family			
Hired help and their families			

DO NOT FOLD! District Superintendent will Collect and Deliver to County Enumerator
PATRIOTIC AGRICULTURAL SERVICE COMMITTEE
STATE OF NEW YORK

A CENSUS OF THE AGRICULTURAL RESOURCES OF NEW YORK STATE

SUMMARY FOR SCHOOL DISTRICT No.……………

April 21, 1917

County…………………………………… Town……………………………………

Teacher…………………………………… Dist. Supt.……………………………………

The teacher, with the aid of her pupils and others, is to add the records for the different farms and make out this summary sheet. Each addition should be made twice. It is best to have one person add the results and have another person add them again for a check.

Number of farms in school district……………………………………
Number of farmers who own part or all of their farms……………………………………

1. LABOR IN THE SCHOOL DISTRICT

Number of hired men last year at this time?……………………………………
Number of hired men now?……………………………………
Number of additional help needed for farm work?……………………………………
Number of school boys wanted?……………………………………
Number of additional help needed for household work?……………………………………
Number who could use school girls?……………………………………

2. QUANTITY OF SEED WANTED AND FOR SALE IN THE SCHOOL DISTRICT

KIND	Quantity wanted	Quantity for sale
	Bushels	*Bushels*
Alfalfa		
Potatoes		
Field beans		
Buckwheat		
Corn		
Spring wheat		

3. SPRAY MATERIALS WANTED IN THE SCHOOL DISTRICT

KIND	Total amount wanted

4. FERTILIZER WANTED IN THE SCHOOL DISTRICT

KINDS	Total amount wanted

5. MACHINERY

Number in the school district reporting additional machinery needed............

6. LIVESTOCK WANTED AND FOR SALE IN THE SCHOOL DISTRICT

KIND	Number wanted	Number for sale
Dairy cows		
Heifer calves		
Breeding ewes		
Work horses		
Brood sows		
Pigs		

7. HAY IN THE SCHOOL DISTRICT

Tons of hay above the amount necessary to carry livestock until new hay comes?............

8. NUMBER OF LIVESTOCK IN SCHOOL DISTRICT

KIND OF STOCK	Number of farms reporting	Number of livestock	KIND OF STOCK	Number of farms reporting	Number of livestock
Mares, 3 years old and older			Breeding ewes		
Geldings, 3 years old and older			Spring lambs		
Stallions			All other sheep		
Colts, under 3 years old			Brood sows		
Mules, 3 years old and older			All other hogs and pigs		
Mule colts under 3 years old			Hens		
Calves to be vealed			Roosters		
Bulls			Turkeys		
Steers and beef cattle			Ducks		
Dairy cows, 2 years old and older			Geese		
Heifers 1 and under 2 years old (to be raised for dairy cows)			Bees		
Heifers under 1 year old (to be raised for dairy cows)					

Number of dairy cows 2 years old or older in school district a year ago?............
Number of heifers calves under 1 year old that were being raised for dairy cows in district a year ago?............
Number of eggs set or incubated last year?............
Number of eggs expected to be set or incubated this year?............

9. TRANSPORTATION

Number in the school district reporting difficulty in getting materials delivered by railroad?............

10. FERTILIZER

KIND	Tons used last year in school district	Tons expected to be used this year in school district
Commercial fertilizer		
Lime		

11. CROPS IN THE SCHOOL DISTRICT

KIND OF CROP	Number of farmers who grew the crop in 1916	Acres grown in 1916	Number of farmers expecting to grow the crop in 1917	Acres expected to be grown in 1917
Corn to be husked for grain				
Corn for the silo				
Oats				
Barley				
Buckwheat				
Winter wheat				
Spring wheat				
Rye				
Field beans				
Alfalfa				
Other hay				
Cabbage				
Potatoes				
Canning factory crops				
Other vegetables and garden				
Other crops — give kind				

KIND	Number of farmers reporting	Acres	KIND	Number of farmers reporting	Acres
Apples			Small fruit		
Peaches			Woods not pastured		
Pears			Woods pastured		
Plums			Tillable pasture		
Cherries			Other pasture not included above		
Vineyard			Total area farmed in school district		

12. FARM POPULATION OF SCHOOL DISTRICT

Number of sons of farmers who have left the farm for work other than farm labor?

Number of daughters of farmers who have left the farm to live in villages or cities?

	Persons living or working on farms in this school district			
	Under 14 years of age		14 years or older	
	Males	Females	Males	Females
Farmer and his family				
Hired help and their families				

COMMENTS

A CENSUS OF THE AGRICULTURAL RESOURCES OF NEW YORK STATE

Taken by the Schools of the State, under the direction of the State Food Commission and the County Farm Bureaus in cooperation with the United States Department of Agriculture

February 6, 1918

In case it is not possible to obtain a record from a farm or answer a question on the blank exactly, fill in with a careful estimate, so that every farm is reported and every question on the blank is answered.

Fill out the following blank for all places of over three acres on which agricultural operations are conducted. Fill out the blank for smaller places if the agricultural operations require the time of one person.

If part of the land lies in one school district and part in another district, include all the land as if it were in the district in which the farmer lives.

If the farmer owns part of the land that he operates and rents additional land, include all that he operates in the report.

The aim is to have all farm land in the State reported once and yet have none of it reported twice, and have every question that applies to a farm answered. If the answer is zero put a dash after the question, so that every question will have a figure or a dash.

Name of person who runs the farm..........

Post office.......... R. D.......... Telephone exchange.......... Tel. No..........

School district No.........., Township in which schoolhouse is located.......... County..........

Does the person who runs the farm own any part of it?.......... Answer Yes or No..........

If answer is No, give name of owner ....

Post office of owner.......... R. D..........

A. FARM WORKERS

1. How many persons are devoting full time to farm work on this farm now (include hired help, the farmer and members of his family, but do not include household work)?..........
2. How many persons were devoting full time to farm work on this farm a year ago?..........
3. How many persons who were *regularly* doing farm work on this farm last season will not be available this season because they have
   (a) Enlisted.......... (b) Been drafted.......... (c) Left farming for other kinds of work..........
4. How many persons who are now doing regular farm work on this farm were working in some other industry a year ago?
....

HIRED LABOR

5. How many hired men have you now?..........
6. How many hired men were there on this farm last year at this time?..........

7. Number hired for entire year (12 months)			8. Number hired for entire summer (6 to 8 months)			9. Number hired for short periods, such as harvesting, haying, etc.		
A. Last year	B. Already hired for 1918	C. Yet to be hired 1918	A. Last year	B. Already hired for 1918	C. Yet to be hired 1918	A. Last year	B. Already hired for 1918	C. Yet to be hired 1918

LABOR WANTED

Any farmer who desires labor, household or farm, at any time during the year should apply as far in advance of his needs as possible by telephone or letter to his county farm bureau office, giving particulars. Such applications will be filled as far as possible.

B. SEED WANTED AND FOR SALE

KIND	(a) Variety	(b) Amount you wish to buy for seed purposes	(c) Amount you now have for sale, good for seed purposes
1. Spring wheat			
2. Beans			
3. Potatoes			
4. Corn			
5. Oats			
6. Barley			
7. Buckwheat			

C. LIVESTOCK WANTED AND FOR SALE

	(a) Breed	(b) Pure bred or grade	(c) Number you wish to buy	(d) Number you have for sale
1. Dairy cows				
2. Yearling heifers				
3. Heifer calves				
4. Bulls 1 year or over				
5. Breeding ewes				
6. Work horses				
7. Brood sows				
8. Pigs				
9. Hens				

D. FERTILIZER

KIND	(a) Tons used on this farm last year	(b) Tons expected to be used this year
1. Commercial fertilizer		
2. Lime		

E. TRACTORS, MILKING MACHINES, AND MANURE SPREADERS

1. Is there a tractor on this farm (do not include worn out or useless machines)? ____
2. Is there a milking machine on this farm (do not include worn out or useless machines)? ____
3. Is there a manure spreader on this farm (do not include worn out or useless machines)? ____

F. NUMBER OF LIVESTOCK ON HAND

1. (a) Mares, 2 years old or older	
(b) Geldings, 2 years old or older	
(c) Stallions	
(d) Colts, under 2 years old	
(e) Mules, 2 years old or older	
(f) Mule colts under 2 years old	
(g) Calves to be vealed	
(h) Bulls	
(i) Steers and beef cattle of all kinds and ages	
(j) Dairy cows and heifers, 2 years and older	
(k) Heifers, 1 year old and under 2 years (to be raised for dairy cows)	
(l) Heifers under 1 year old (to be raised for dairy cows)	
(m) Breeding ewes, 1 year old and older	
(n) Ewes under 1 year old to be kept for breeding	
(o) All other sheep and lambs	
(p) Sows 6 months old or older kept for breeding purposes	
(q) All other hogs and pigs	
(r) Hens	
(s) Turkeys	
(t) Ducks	
(u) Geese	
(v) Bees (hives)	

2. (a) How many dairy cows and heifers 2 years old or older were there on this farm a year ago?
(b) How many heifer calves under 1 year old to be raised for dairy cows were there on this farm a year ago?
(c) Of the cows and heifers 2 years old and older on this farm now, how many are registered pure breds?
Name of breed
(d) How many dairy cows or heifers were bought for this farm in 1917, that were 2 years old or older at the time of purchase?
(e) How many dairy cows or heifers were sold from this farm in 1917, that were 2 years old or older at the time of sale?
(f) How many breeding ewes 1 year old or older were there on this farm a year ago?
(g) How many sows 6 months old or older kept for breeding purposes were there on this farm a year ago?
(h) How many eggs were set or incubated on this farm last year?
(i) How many eggs do you expect will be set or incubated on this farm this year?

G. FARM PRODUCTS PRODUCED IN 1917

1. Give the total pounds of milk produced in 1917, regardless of disposition, whether fed to animals, consumed on the farm or otherwise disposed of ______ pounds.
(Forty quarts of milk weigh 86 pounds)
2. How many gallons of maple syrup were made on the farm last year?
3. How many pounds of maple syrup sugar were made on the farm last year?
4. How many cords of firewood were cut on the farm last year?
(Figure cord as 4 ft. x 4 ft. x 8 ft.)
5. How many cords of firewood were sold from this farm last year?

H. LAND AND ITS USE

Double Cropping.— If one crop is raised between the rows of another crop, report the area and yield of each crop separately. For example, an eight-acre apple orchard planted to potatoes may contain nearly eight acres of potatoes. Report this as apples eight acres and under potatoes give the potato acreage.

Note.— Do not fill in spaces in which * appears.

CROPS AND FRUITS	(a) Acres harvested on this farm in 1917	(b) Total in yield 1917	(c) Probable acres on this farm in 1918
1. Corn to be husked for grain (2 bu. ears equal 1 bu. shelled corn)		bu. shelled	
2. Corn for the silo		tons	
3. Corn or sorghum grown for green feed or for fodder only		* * * * * * *	
4. Oats		bu.	
5. Barley		"	
6. Buckwheat		"	
7. Winter wheat		"	
8. Spring wheat		"	
9. Rye		"	
10. Field beans		"	
11. Alfalfa		tons	
12. Other hay		"	
13. Cabbage		"	
14. Potatoes		bu.	
15. Hops		lbs.	
16. Tobacco		"	
17. Nursery stock and flowers		* * * * * * *	
18. Root crops raised for stock food		* * * * * * *	
19. Canning factory crops		* * * * * * *	
20. Other vegetables and garden		* * * * * * *	
21. Apples (include all acreage whether bearing or not)		bu.	* * * *
22. Peaches (include all acreage whether bearing or not)		"	* * * *
23. Pears (include all acreage whether bearing or not)		"	* * * *
24. Plums (include all acreage whether bearing or not)		lbs.	* * * *
25. Cherries (include all acreage whether bearing or not)		"	* * * *
26. Quinces (include all acreage whether bearing or not)		bu.	* * * *
27. Vineyards (include all acreage whether bearing or not)		lbs.	* * * *
28. Small fruits (include all acreage whether bearing or not)		* * * * * * *	* * * *
Total acres of crops and fruits		* * * * * * *	* * * *

I. FARM AREA

	Acres
1. Total area of land in crops and fruits. This is acres given above less any double cropping	
2. Woods not pastured	
3. Woods pastured	
4. Tillable pastures	
5. Other pastures not included above	
6. Number of acres of tillable land which in 1917 were lying idle or fallow	
7. Number of acres of land on which crops were sown or planted in 1917 but were not harvested on account of crop failure	
8. Number of acres of land on which crops were raised in 1917 but were not harvested	
9. Acres of waste land and land covered by buildings, barn and house lots, roads and lanes	
10. Total (The total should equal the total number of acres in the farm)	

SUMMARY OF SCHOOL DISTRICT No..........

County............ Town............ Teacher............ Dist. Supt............

	A. LABOR																	
	1	2	3			4	5	6	7			8			9			
	Persons now	Persons last year	(a) Enlisted	(b) Drafted	(c) Left for other work	Not farming last year	Hired men now	Hired men last year	(a) Last year	(b) Hired for 1918	(c) To be hired for 1918	(a) Last year	(b) Hired for 1918	(c) To be hired for 1918	(a) Last year	(b) Hired for 1918	(c) To be hired for 1918
1																		
2																		
3																		
4																		
5																		
6																		

SUMMARY FOR SCHOOL DISTRICT No.......... Continued

	B. SEED WANTED AND FOR SALE														
	1. Spring wheat			2. Beans			3. Potatoes			4. Corn			5. Oats		
	(a) Variety	(b) Amount to buy	(c) Amount for sale	(a) Variety	(b) Amount to buy	(c) Amount for sale	(a) Variety	(b) Amount to buy	(c) Amount for sale	(a) Variety	(b) Amount to buy	(c) Amount for sale	(a) Variety	(b) Amount to buy	(c) Amount for sale
1															
2															
3															
4															
5															
6															

SUMMARY FOR SCHOOL DISTRICT No.......... Continued

	B. SEED WANTED AND FOR SALE — Concluded						C. LIVE STOCK WANTED AND FOR SALE							
	6. Barley			7. Buckwheat			1. Dairy cows				2. Yearling heifers			
	(a) Variety	(b) Amount to buy	(c) Amount for sale	(a) Variety	(b) Amount to buy	(c) Amount for sale	(a) Breed	(b) Pure bred or grade	(c) Number to by	(d) Number for sale	(a) Breed	(b) Pure bred or grade	(c) Number to buy	(d) Number for sale
1														
2														
3														
4														
5														
6														

Similar headings were used for all items and all were arranged on long tabulation sheets, with the farmer's name, address, and telephone number on the bottom sheet which projected beyond the other sheets

DIRECTIONS TO TEACHERS

PLAN FOR TAKING 1918 AGRICULTURAL CENSUS

I. Census blanks will be printed at Albany and shipped by express to each county census director on January 15th.

II. County census directors will mail the blanks direct to the head teachers in each district sometime during the week of January 21st.

III. In addition to the quota of blanks for each district, there will be furnished the head teacher in that district, special printed tabulation sheets for the purpose of making district summary. There will be enough of these tabulation sheets so that a copy of the district summary may be retained by the teacher and one mailed to the county census director.

IV. The census may be taken in the school district by teachers and pupils any time after receiving the blanks, and must be entirely completed not later than Tuesday, February 5th. Schedules must be filled out for all farms, and the district summary made out in ink so that the summary and the schedules will be mailed not later than the morning of Wednesday, February 6th. Special franked envelopes which will not require postage, may be used by the taechers in returning the schedules and summary. These envelopes will be furnished the teachers by the census director at the same time they receive the blanks and summary sheets for their district.

V. The returns from each school district are expected to be in the office of the county census director as soon as possible but not later than Thursday, February 7th. The county summary will then be made on February 8th and 9th.

VI. District superintendents are expected to assist the census director in making the county summary, and if necessary furnish teachers such as the physical training teachers, to assist in the work. Where such assistance by superintendents or teachers entails extra expenses for meals and lodging, these expenses may be submitted to the county census director for payment, and he in turn, may charge them to the census account.

VII. County summaries must be in the mail the night of February 9th, so that the State summary may be made by the State Census Director on February 11th and 12th.

VIII. The secret of an accurate census is complete enumeration. If a farm is omitted, it means that its acreage is zero, its number of cows and horses is zero. Rather than omit any farm obtainestimates from a neighbor or from some other person who knows the place.

Similarily, answer every question on the blank. Some farmer may hesitate to give the amount of milk produced by his cows because he is not sure of the exact amount. If the question is left blank, it means that his cows gave no milk. Even an inaccurate estimate is better than no answer. Fill out every question with as accurate a figure as possible.

IX. So far as possible it is well to have the older pupils assist in filling the schedules and in making the tabulations. If enough pupils or other helpers are available, tabulate the farms on one of the tabulation sheets and have another person or persons tabulate them independently on another tabulation sheet. Add each sheet independently and compare results. If the results disagree, the error can soon be found by this method.

Last year some teachers did most of the work, themselves, and some did no work except to direct the pupils. Averages for a number of districts showed that the teachers filled out nearly half of the schedules; farmers filled out over one-third; pupils and other persons the balance. Teachers did over one-third of the work of tabulation. The more the pupils do the better, so long as the work is accurately done.

X. If there are any vacant farms in the school district on which the hay was not cut last year and the land was not used for pasture or other crops, report them on the back of the tabulation sheet, giving acreage of the farm, name of owner, and any other details that are obtainable.

XI. In case any farmer refuses to answer the questions, report his name on the back of your tabulation sheets. Obtain estimates for his farm from a neighbor.

XII. In order to be able to intelligently answer any questions, brought up by the farmers, the teacher and pupils should thoroughly familiarize themselves with the questions asked on the blank. *In case of any doubt or difficulties in taking the census, the teacher should communicate at once with the District Superintendent.*

NEW YORK STATE FOOD SUPPLY COMMISSION

Charles S. Wilson, Albany, Chairman,
In charge of Division of Administration

A. R. Mann, Ithaca, Secretary,
In charge of Division of Food Conservation, including Insect and Plant Disease Control Service

M. C. Burritt, Ithaca,
In charge of Division of County Organization

J. H. Finley, Albany,
In charge of Division of Schools and Colleges

J. J. Dillon, New York City,
In charge of Division of Distribution, Storage, and Marketing

S. J. Lowell, Fredonia,
In charge of Division of Loans and Farm Lands

F. W. Sessions, Utica,
In charge of Division of Farm Labor

R. D. Cooper, Little Falls,
In charge of Division of Seeds, Fertilizers, and Live Stock

S. J. T. Bush, Morton,
In charge of Division of Transportation and Machinery

Dwight Sanderson, Albany, Assistant Secretary

Charles Scott, Fort Plain, Accountant and Auditor